#### EOG Resources, Inc. P.O. 1910 Vernal, UT 84078

July 29, 2005

Utah Division of Oil, Gas, & Mining 1594 West North Temple, Suite 1210 P.O. Box 145801 Salt Lake City, UT 84114-5801

RE: APPLICATION FOR PERMIT TO DRILL CHAPITA WELLS UNIT 683-25 NE/SW, SEC. 25, T9S, R22E UINTAH COUNTY, UTAH LEASE NO.: U-0285-A FEDERAL LANDS

Enclosed please find a copy of the Application for Permit to Drill and associated attachments for the referenced well.

Please address further communication regarding this matter (including approval) to:

Ed Trotter P.O. Box 1910 Vernal, UT 84078 Phone: (435)789-4120

Fax: (435)789-1420

Sincerely,

Agent

**EOG** Resources, Inc.

Attachments

**RECEIVED** 

AUG 0 4 2005

DIV. OF OIL, GAS & MINING

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0137 Expires March 31, 2007

5. Lease Serial No.

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If Indian, Allottee or Tribe Name

APPLICATION FOR PERMIT TO DRILL OR REENTER

ATTLICATION FOR TERM	TI TO DRIEL OR REENTE	'A			
la. Type of Work: X DRILL	REENTER	C	HAPITA W	nent, Name and No.	
1b. Type of Well: Oil Well X Gas Well Oth	er Single Zone X Multiple Zone	1 '	ase Name and Wel PITA WELI	I No. LS UNIT 683-25	
2. Name of Operator EOG RESOURCES, INC.		9. AI	PI Well No. 43-047	-36A37	
3a. Address P.O. BOX 1815 VERNAL, UT 84078	3b. Phone No. (Include area code) (435)789-0790		d and Pool, or Expl	oratory	
At surface 1868' FSL, 2021' FWL  At proposed prod. Zone	1/0 0040	43 SI	T., R., M., or Bli EC. 25, T9S, S.L.B.&M	•	
14. Distance in miles and direction from nearest town or pos 20.23 MILES SOUTHEAST OF OUTHEAST OUTHEAST OF OUTHEAST OF OUTHEAST OF OUTHEAST OF OUTHEAST OF OUTHEAST OF OUTHEAST OUTHEAS			nty or Parish	13. State UTAH	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. Unit line, if any)	16. No. of Acres in lease 1800	17. Spacing	Unit dedicated to t	his well	
8. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. See Topo Map C  19. Proposed Depth  7025			BLM/BIA Bond No. on file NM-2308		
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5117.4 FEET GRADED GROUND	22. Approximate date work will start* UPON APPROVAL		23. Esti mated of 45 DAY		
	24. Attachments				
Attachments The following, completed in accordance with the requirements  1. Well plat certified by a registered surveyor.  2. A Drilling Plan.  3. A Surface Use Plan (if the location is on National For SUPO shall be filed with the appropriate Forest Server.	4. Bond to cover the (see Item 20 aborest System Lands, the 5. Operator certificat	operations unle ove). ion. cific information	ss covered by an ex	-	
25. Signature Lel Chutt	Name (Printed/Typed) Ed Trotter		i I	Date July 29, 2005	
Title Agent					
Approved by (Signature)	Name (Printed/Typed)  BRADLEY G. HILL  ENVIRONMENTAL SCIENTIS  Offfice		Date 6	09-05	
Application approval does not warrant or certify that the appl	 	s in the subject	lease which would	entitle the applicant to	
and an array are the control of the	5 ,	•		- •	

Conditions of Approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to uny department of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

AUG 0 4 2005

#### S89°52'17"W - 2640.40' (Meas.) S89°38'46"W - 2641.71' (Meas.) Brass Cap Brass Cap Brass Cap NO0.02,38 1977 Brass Cap Brass Cap 0.8' High, Pile of Stones CWU #683-25 2021' Elev. Graded Ground = 5117' NO0'00'32 1977 Brass Cap 1977 Brass Cap 0.4' High, Steel 1.0' High, Steel Post, Pile of Post, Pile of Stones Stones Brass Cap N89'55'47"W - 2616.98' (Meas.) N89'46'55"W - 2653.67' (Meas.) (NAD 83) LEGEND: LATITUDE = $40^{\circ}00'17.64"$ (40.004900) LONGITUDE = $109^{2}23^{2}5.86^{\circ}$ (109.390517) = 90° SYMBOL (NAD 27) PROPOSED WELL HEAD. LATITUDE = $40^{\circ}00'17.76"$ (40.004933) = SECTION CORNERS LOCATED. LONGITUDE = $109^{\circ}23^{\circ}23.41^{\circ}$ (109.389836)

T9S, R22E, S.L.B.&M.

#### EOG RESOURCES, INC.

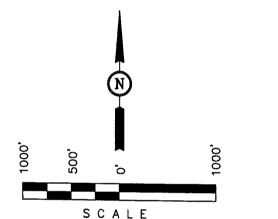
Well location, CWU #683-25, located as shown in the NE 1/4 SW 1/4 of Section 25, T9S, R22E, S.L.B.&M. Uintah County, Utah.

#### BASIS OF ELEVATION

BENCH MARK 20EAM LOCATED IN THE SE 1/4 OF SECTION 35, T8S, R21E, S.L.B.&M. TAKEN FROM THE OURAY SE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4697 FEET.

#### BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



#### CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF TO THE SAME ARE TRUE AND CORRECT. TO THE

REGISTERED LAND SURVEYOR REGISTRATION NO. 181319

#### Untah Engineering & Land Surveying 85 SOUTH 200 EAST - VERNAL, UTAH 84078 (435) 789-1017

WARM FILE

EOG RESOURCES, INC.

# EIGHT POINT PLAN CHAPITA WELLS UNIT 683-25 NE/SW, SEC. 25, T9S, R22E, S.L.B.&M. UINTAH COUNTY, UTAH

#### 1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

<b>FORMATION</b>	DEPTH (KB)
Green River FM	1,580'
C-Zone	1,923'
Mahogany Oil Shale Bed	2,263'
Middle Carb Bed	3,021'
Castle Peak MBR	4,204'
Uteland Butte MBR	4,481'
Wasatch	4,595'
Chapita Wells	5,162'
Buck Canyon	5,876'
North Horn	6,559'
Island	6,820'

EST. TD: 7,025' or 200' ± below Island Top

Anticipated BHP: 3,470 Psig

3. PRESSURE CONTROL EQUIPMENT: Production Hole - 3,000 Psig BOP Schematic Diagram attached.

#### 4. CASING PROGRAM:

							KAI	HIG FACT	<u>UK</u>
HOLE SIZI	E <u>INTERVAL</u>	<b>LENGTH</b>	SIZE	<b>WEIGHT</b>	<b>GRADE</b>	<b>THREAD</b>	<b>COLLAP</b>	SE BURST	<b>TENSILE</b>
12 ¼"	0' - 500' + /-KB	500'+/-	9 5/8"	36.0#	J-55	STC	2020 PSI	3520 PSI	394,000#
7 7/8"	500' – TD +/-KB	7,025' +/-	4 1/2"	11.6#	J-55	LTC	4960 PSI	5350 PSI	162,000#

DATING PACTOR

#### All casing will be new or inspected.

#### 5. Float Equipment:

#### Surface Hole Procedure (0 - 500' ± Below GL):

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers: 1 - 5 - 10' above shoe, every collar for next 3 joints (4 total).

#### Production Hole Procedure (500' $\pm$ - TD):

Float shoe, 1 joint casing, float collar and balance of casing to surface.  $4-\frac{1}{2}$ ", 11.6#, J-55 or equivalent marker collars or short casing joints to be placed 1000' above top of Wasatch. Centralizers to be placed 5' above shoe on joint #1, top of joint #2, and every 2nd joint to 400' above Wasatch Island top. (15± total). Thread lock float shoe, top and bottom of float collar, and top of  $2^{nd}$  joint.

# EIGHT POINT PLAN CHAPITA WELLS UNIT 683-25 NE/SW, SEC. 25, T9S, R22E, S.L.B.&M. UINTAH COUNTY, UTAH

#### 6. **MUD PROGRAM:**

#### Surface Hole Procedure $(0 - 500' \pm \text{below GL})$ :

Air/air mist or aerated water

#### Production Hole Procedure (500' $\pm$ - TD):

Anticipated mud weight 9.0 - 9.5 ppg depending on actual wellbore condition encountered while drilling.

 $500' \pm - TD$ 

A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Deflocculants/thinners will be used as necessary to maintain mud quality. LCM sweeps will be utilized as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

#### 7. VARIANCE REQUESTS:

EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. To reduce location excavation, the blooie line will be approximately 75' in length.

#### 8. EVALUATION PROGRAM:

**Logs:** Mud log from base of surface casing to TD. Cased hole evaluation logs will be run in lieu of open hole logs.

#### 9. **CEMENT PROGRAM:**

#### Surface Hole Procedure (0-500' ± Below GL)

Lead:

275 sks. (100% excess volume) Class 'G' cement with 2% S1 (CaCl2) & 0.25 pps

D29 (cellophane flakes), mixed at 15.8 ppg, 1.16 ft<sup>3</sup>./sk., 4.95 gps water.

**Top Out:** 

Top out with Class 'G' cement with 2% S1 (CaCl2) in mix water, 15.8 ppg, 1.16

ft<sup>3</sup>./sk., 4.95 gps via 1" tubing set at 25' if needed.

Install 6' x 4' cellar ring, drill rat and mouse holes with spud rig.

Note:

Cement volumes will be calculated to bring cement to surface.

# EIGHT POINT PLAN CHAPITA WELLS UNIT 683-25 NE/SW, SEC. 25, T9S, R22E, S.L.B.&M. UINTAH COUNTY, UTAH

#### **CEMENT PROGRAM (Continued):**

#### Production Hole Procedure (500' ± to TD)

Lead: 150 sks: 3

**150 sks:** 35:65 Poz "G" w/4% D20 (Bentonite), 2% D174 (Extender), 0.2% D65 (Dispersant), 0.2% D46(Antifoam), 0.75% D112 (Fluid Loss Additive), 0.200% D13 (Retarder), 0.25 pps D29 (cello flakes) mixed at 13.0 ppg, 1.75 ft<sup>3</sup>/sk., 9.19

gps water.

Tail:

**380 sks**: 50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075% D13 (Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed

at 14.1 ppg, 1.28 ft<sup>3</sup>/sk., 5.9gps water.

Note:

Number of sacks is based on gauged hole calculation.

Lead volumes are to be calculated to bring cement to 200'± above 9-5%" casing shoe. Tail volume to be calculated to bring cement to 400'± above top of

Wasatch.

#### **10. ABNORMAL CONDITIONS:**

#### Surface Hole (Surface - 500'±):

Lost circulation

#### Production Hole (500'± - TD):

Sloughing shales, lost circulation and key seat development are possible in the Wasatch Formation.

#### 11. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

#### 12. HAZARDOUS CHEMICALS:

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

(Attachment: BOP Schematic Diagram)

#### 3000 PSIG DIAGRAM

ANNULAR PREVENTOR AND BOTH RAMS ARE 3000 PSIG RATED CASING FLANGE IS 11" 3000 PSIG RATED. **ROTATING HEAD BOPE 11" 3000 PSIG TESTING PROCEDURE:** FLOW LINE 1. BOPE's will be tested with a professional tester to conform to Onshore Order #2 with retest every 14 days. 2. Blind & Pipe rams will be tested to rated working pressure, 3000 psig. 3. Annular preventor will be tested to 50% of working pressure, 1500 psig. 4. Casing will be tested to 0.22 psi/ft. or 1500 psig. Not to exceed 70% of burst **ANNULAR** strength, whichever is greater. PREVENTER 5. All lines subject to well pressure will be pressure-tested to the same pressure as blind & pipe rams. 6. All BOPE specifications and configurations will meet Onshore Order #2 requirements for 3000 psig BOPE specifications. PIPE RAMS **CHOKE MANIFOLD** 2" MIN ADJUSTABLE CHOKE TO MUD/GAS SEPARATOR OR PIT **BLIND RAMS** 3" MINIMUM RATED **3000 PSIG** 3" MINIMUM 2" KILL LINE BLEED LINE TO PIT 3" DIAMETER **CASING** 2" MINIMUM FLANGE SPOOL 11" 3000 PSIG TO MUD/GAS SEPARATOR ADJUSTABLE CHOKE **OR PIT** (Note: Blind Rams may be installed above or below the pipe rams)

#### CONDITIONS OF APPROVAL FOR THE SURFACE USE PROGRAM OF THE APPLICATION FOR PERMIT TO DRILL

Company/Operator:

EOG Resources, Inc.

Well Name & Number: Chapita Wells Unit 683-25

Lease Number:

U-0285-A

Location:

1868' FSL & 2021' FWL, NE/SW, Sec. 25,

T9S, R22E, S.L.B.&M., Uintah County, Utah

Surface Ownership:

Federal

#### **NOTIFICATION REQUIREMENTS**

Location Construction - forty-eight (48) hours prior to construction

of location and access roads.

Location Completion - prior to moving on the drilling rig.

Spud Notice:

- at least twenty-four (24) hours prior to

spudding the well.

Casing String and

Cementing

- twenty-four (24) hours prior to running

casing and cementing all casing strings.

BOP and related

**Equipment Tests** 

- twenty-four (24) hours prior to running

casing and tests.

First Production

Notice

- within five (5) business days after new

Well begins or production resumes after Well has been off production for more

than ninety (90) days.

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

#### THIRTEEN POINT SURFACE USE PROGRAM

#### 1. EXISTING ROADS

- A. See attached Wellsite Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.
- B. The proposed well site is located approximately 20.23 miles southeast of Ouray, Utah See attached TOPO Map "A".
- C. Refer to attached Topographic Map "A" showing labeled access route to location.
- D. Existing roads will be maintained and repaired as necessary. No off lease Right-of-Way will be required.

#### 2. PLANNED ACCESS ROAD

- A. An existing access road will be utilized to service this well. See attached TOPO Map "B".
- B. The access road has a 30 foot ROW w/ 18 foot running surface.
- C. Maximum grade on access road will be 8%.
- D. No turnouts will be required.
- E. Road drainage crossings shall be of the typical dry creek drainage crossing type.
- F. No culverts, bridges, or major cuts and fills will be required.
- G. The access road will be dirt surface.
- H. No gates, cattleguards, or fences will be required or encountered.

New or reconstructed roads will be centerlined - flagged at time of location staking.

The road shall be upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Upgrading shall include ditching, drainage, graveling, crowning, and capping the roadbed as necessary to provide a well-constructed safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot Right-of-Way will not be allowed.

Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossings nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by run off water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.

As operator, EOG Resources, Inc. shall be responsible for all maintenance on cattleguards, or gates associated with this oil and/or gas operation.

## 3. <u>LOCATION OF EXISTING WELLS WITHIN A ONE MILE RADIUS OF PROPOSED WELL LOCATION</u>

- A. Abandoned wells 5\*
- B. Producing wells 42\*
- C. Shut in wells 2\*

(\*See attached TOPO map "C" for location)

#### 4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

#### A. ON WELL PAD

- 1. Production facilities will be set on location if the well is successfully completed for production. Facilities will consist of wellhead valves, combo separator-dehy unit with meter, 300 Bbl vertical or 200 Bbl low profile, condensate tank, and attaching piping.
- 2. Gas gathering lines A 4" gathering line will be buried from dehy to the edge of the location.

#### B. OFF WELL PAD

- 1. Proposed location of attendant off pad flowlines shall be flagged prior to archaeological clearance.
- 2. Protective measures and devices for livestock and wildlife will be taken and/or installed where required.

If storage facilities/tank batteries are constructed on this lease, the facility/battery or the well pad shall be surrounded by a containment dike of sufficient capacity to contain, at a minimum, the entire contents of the largest tank within the facility/battery.

The production facilities will be placed on the West side of the location.

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within 6 months of installation. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

The required paint color is Carlsbad Canyon.

If at any time the facilities located on public land and authorized by the terms of the lease are no longer included in the lease (due to a contraction in the unit or other lease or unit boundary change), BLM will process a change in authorization to the appropriate statute. The authorization will be subject to appropriate rental or other financial obligation as determined by the authorized officer.

#### 5. LOCATION & TYPE OF WATER SUPPLY

- A. Water supply will be from Ouray Municipal Water Plant at Ouray, Utah, and/or Target Trucking Inc.'s water source in the SW/SW, Sec. 35, T9S, R22E, Uintah County, Utah (State Water Right #49-1501). Produced water from the Chapita Wells and Stagecoach Units will also be used.
- B. Water will be hauled by a licensed trucking company.
- C. No water well will be drilled on lease.

#### 6. SOURCE OF CONSTRUCTION MATERIAL

- A. All construction material for this location and access road will be of native borrow and soil accumulated during the construction of the location.
- B. All construction material will come from Federal Land.
- C. No mineral materials will be required.

#### 7. METHODS OF HANDLING WASTE DISPOSAL

#### A. METHODS AND LOCATION

- 1. Cuttings will be confined in the reserve pit.
- 2. A portable toilet will be provided for human waste during the drilling and completion of the well. Disposal will be at the Vernal sewage disposal plant.
- 3. Burning will not be allowed. Trash and other waste material will be contained in a wire mesh cage and disposed of at the Uintah County Landfill.
- 4. Produced wastewater will be confined to a lined pit or storage tank for a period not to exceed 90 days after initial production. After the 90 day period, the produced water will be contained in a tank on location and then disposed of at one of the following three locations: Natural Buttes Unit 21-20B SWD, Ace Disposal, or EOG Resources, Inc. drilling operations (Chapita Wells Unit, Natural Buttes Unit & Stagecoach Unit).
- 5. All chemicals will be disposed of at an authorized disposal site. Drip pans and absorbent pads will be used on the drilling rig to avoid leakage of oil to the pit.
- B. Water from drilling fluids and recovered during testing operations will be disposed of by either evaporating in the reserve pit or be removed and disposed of at an authorized disposal site. Introduction of well bore

hydrocarbons to the reserve pit will be avoided by flaring them off in the flare pit at the time of recovery.

#### On BLM administered land:

The reserve pit will be constructed so as not to leak, break, or allow discharge. If the reserve pit requires padding prior to lining (due to rocky conditions) felt padding will be used.

The reserve pit shall be lined with felt and a 12 millimeter plastic liner.

#### 8. ANCILLARY FACILITIES

A. No airstrips or camps are planned for this well.

#### 9. WELLSITE LAYOUT

- A. Refer to attached well site plat for related topography cuts and fills and cross sections.
- B. Refer to attached well site plat for rig layout and soil material stockpile location as approved on On-site.
- C. Refer to attached well site plat for rig orientation, parking areas, and access road.
- D. The approved seed mixture for this location is:

Gardner Salt Bush – 4 pounds per acre

Shad Scale – 3 pounds per acre

Hi-Crest Crested Wheat Grass - 4 pounds per acre

The reserve pit will be located on the Southeast corner of the location. The flare pit will be located downwind of the prevailing wind direction on the South side of the location, a minimum of 100 feet from the well head and 30 feet from the reserve pit fence.

The stockpiled pit topsoil will be stored separate from the location topsoil West of Corner B. The stockpiled location topsoil will be stored from Corner #6 to Northwest of Corner #7. Upon completion of construction, the stockpiled topsoil from the location will be broadcast seeded with the approved seed mixture for this location and then walked down with a Caterpiller tractor.

Access to the well pad will be from the East.

Corners #2 and #8 will be rounded off to minimize excavation.

#### **FENCING REQUIREMENTS:**

All pits will be fenced according to the following minimum standards:

- A. Thirty-nine inch net wire shall be used with at least one strand of barbed wire on top of the net wire. (Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence).
- B. The net wire shall be no more than 2 inches above the ground. The barbed wire strand shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.
- C. Corner posts shall be cemented and/or braced in such a manner as to keep the fence tight at all times.
- D. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16 feet.
- E. All wire shall be stretched by using a stretching device before it is attached to the corner posts.

The reserve pit fencing will be on the three sides during drilling operations and on the fourth side when the rig moves off the location. Pits will be fenced and maintained until clean-up.

Each existing fence to be crossed by the access road shall be braced and tied off before cutting so as to prevent slacking of the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and, upon completion of construction, the fence shall be repaired to BLM or SMA specifications. A cattleguard with an adjacent 16 foot gate shall be installed in any fence where a road is to be regularly traveled. If the well is a producer, the cattleguards (shall/shall not) be permanently mounted on concrete bases. Prior to crossing any fence located on Federal land, or any fence between Federal land and private land, the operator will contact the BLM, who will in turn contact the grazing permittee or owner of said fence and offer him/her the opportunity to be present when the fence is cut in order to satisfy himself/herself that the fence is adequately braced and tied off.

#### 10. PLANS FOR RESTORATION OF SURFACE

#### A. PRODUCING LOCATION

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with CFR 3162.7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The stockpiled pit topsoil will then be spread over the pit area and broadcast

seeded with the prescribed seed mixture for this location. The seeded area will then be walked down with a cat.

#### **B. DRY HOLE/ABANDONED LOCATION**

At such time as the well is plugged and abandoned, the operator will submit a subsequent report of abandonment and the BLM will attach the appropriate surface rehabilitation conditions of approval.

#### 11. SURFACE OWNERSHIP

Access road: Federal Location: Federal

#### 12. OTHER INFORMATION

- A. EOG Resources, Inc. will inform all persons in the area who are associated with this project that they are subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and contact the AO. Within five working days the AO will inform the operator as to:
  - whether the materials appear eligible for the National Register of Historic Places;
  - the mitigation measures the operator will likely have to undertake before the site can be used.
  - a time frame for the AO to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate.

If the operator wished, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials that may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that required mitigation has been completed, the operator will then be allowed to resume construction.

B. As operator, EOG Resources, Inc. will control noxious weeds along Right-of-Ways for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds will be obtained from the BLM, or the appropriate County Extension Office. On BLM administered land, a Pesticide Use proposal shall be submitted, and given approval, prior to the

application of herbicides or other pesticides or possible hazardous chemicals.

C. Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on BLM lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities. (The BLM does not seek to compete with private industry. There are commercial facilities available for stacking and storing drilling rigs.)

#### **Additional Surface Stipulations**

None

#### LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION

#### PERMITTING AGENT DRILLING OPERATIONS

Ed Trotter P.O. Box 1910 Vernal, UT 84078

Telephone: (435)789-4120 Fax: (435)789-1420 Donald Presenkowski EOG Resources, Inc. P.O. Box 250

Big Piney, WY 83113 Telephone: (307)276-4865

All lease or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approval plan of operations, and any applicable Notice to Lessees. EOG Resources, Inc. is fully responsible for the actions of their subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

A copy of the approved APD and ROW grant, if applicable, shall be on location during construction of the location and drilling activities.

#### Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions that presently exist; that the statements made in the Plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by EOG Resources, Inc. and its contractors and subcontractors in conformity with this Plan and the terms and conditions under which it is approved.

Please be advised that EOG Resources, Inc. is considered to be the operator of the Chapita Wells Unit 683-25 Well, located in the NE/SW of Section 25, T9S, R22E, Uintah County, Utah; Lease #U-0285-A; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond Coverage is provided under Bond #NM 2308.

7-59-2005 Date Agent Agent

### EOG RESOURCES, INC. CWU #683-25 SECTION 25, T9S, R22E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; TURN LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 0.3 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 12.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH: TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 1.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 1.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN AN SOUTHEASTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN A EASTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 1.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY, THEN SOUTHWESTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 1.4 MILES TO THE JUCTION OF THIS ROAS AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 200' TO THE CWU #811-25 LOCATION AND AN EXISTING ROAD TO THE SOUTHWEST; PROCEED IN SOUTHWESTERLY, THEN WESTERLY DIRECTION APPROXIMATELY 0.2 MILES TO THE CWU #903-25 AND THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 51.2 MILES.

### EOG RESOURCES, INC.

CWU #683-25

LOCATED IN UINTAH COUNTY, UTAH SECTION 25, T9S, R22E, S.L.B.&M.

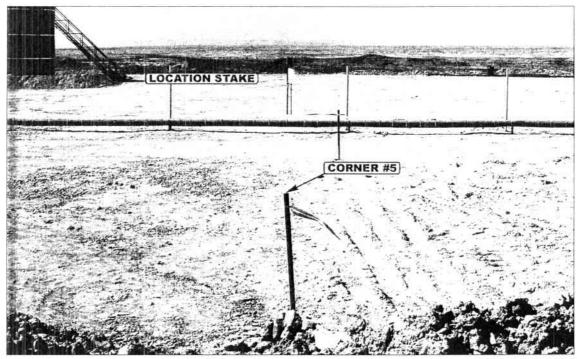


PHOTO: VIEW FROM LOCATION STAKE TO CORNER #5

CAMERA ANGLE: NORTHWESTERLY

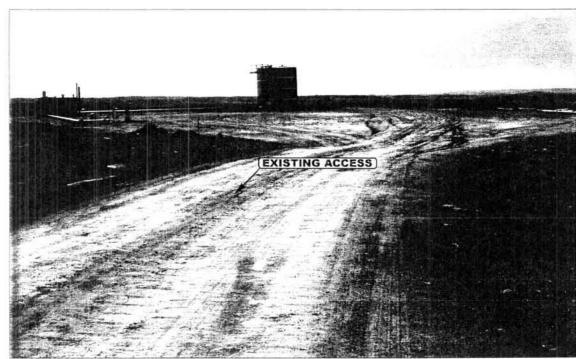


PHOTO: VIEW FROM EXISTING ACCESS

CAMERA ANGLE: NORTHWESTERLY

РНОТО

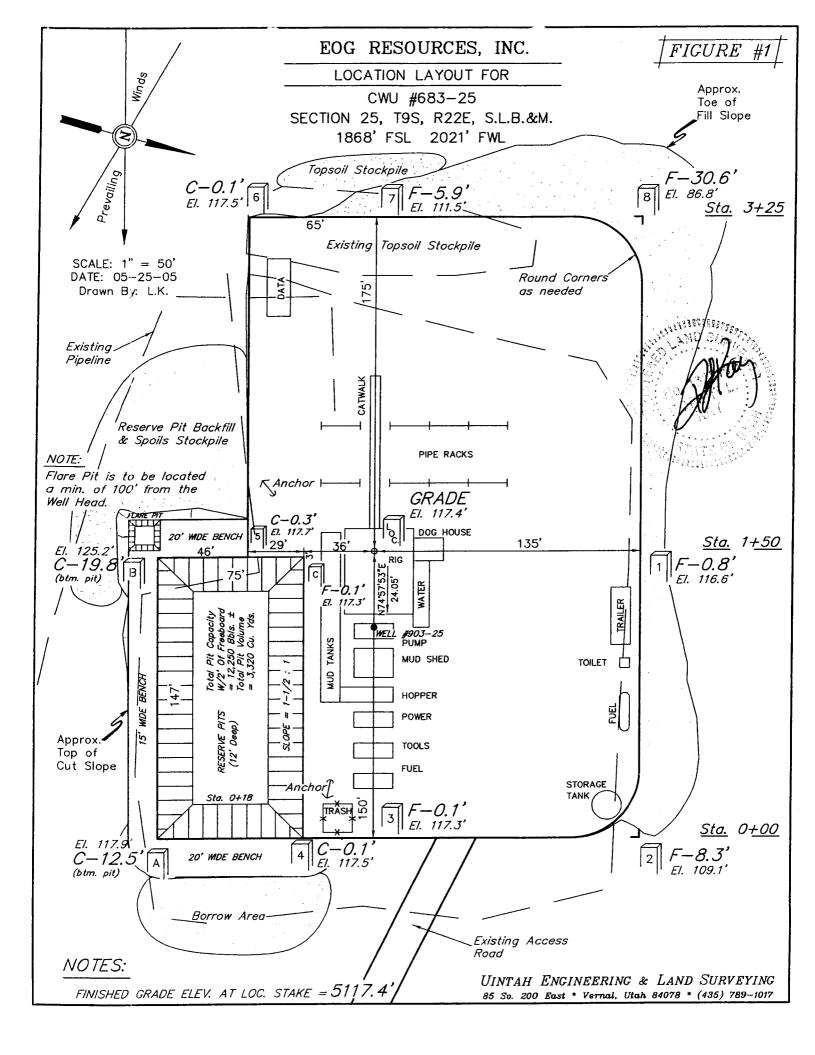


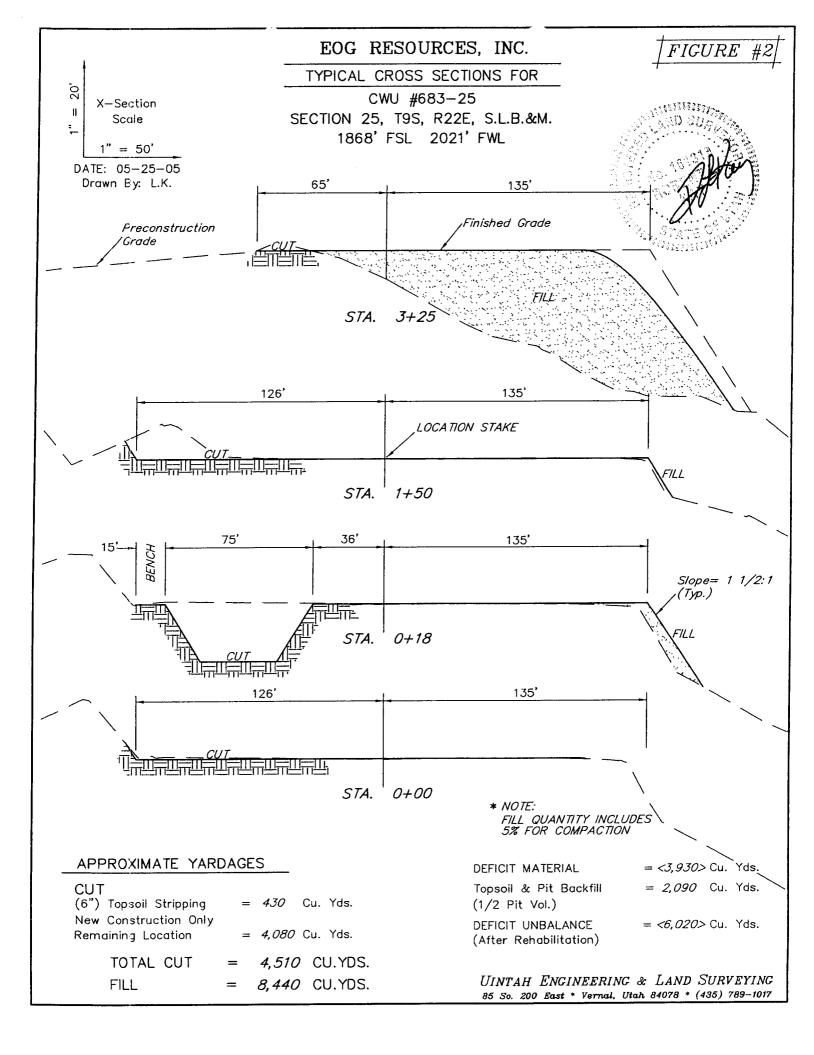
Uintah Engineering & Land Surveying

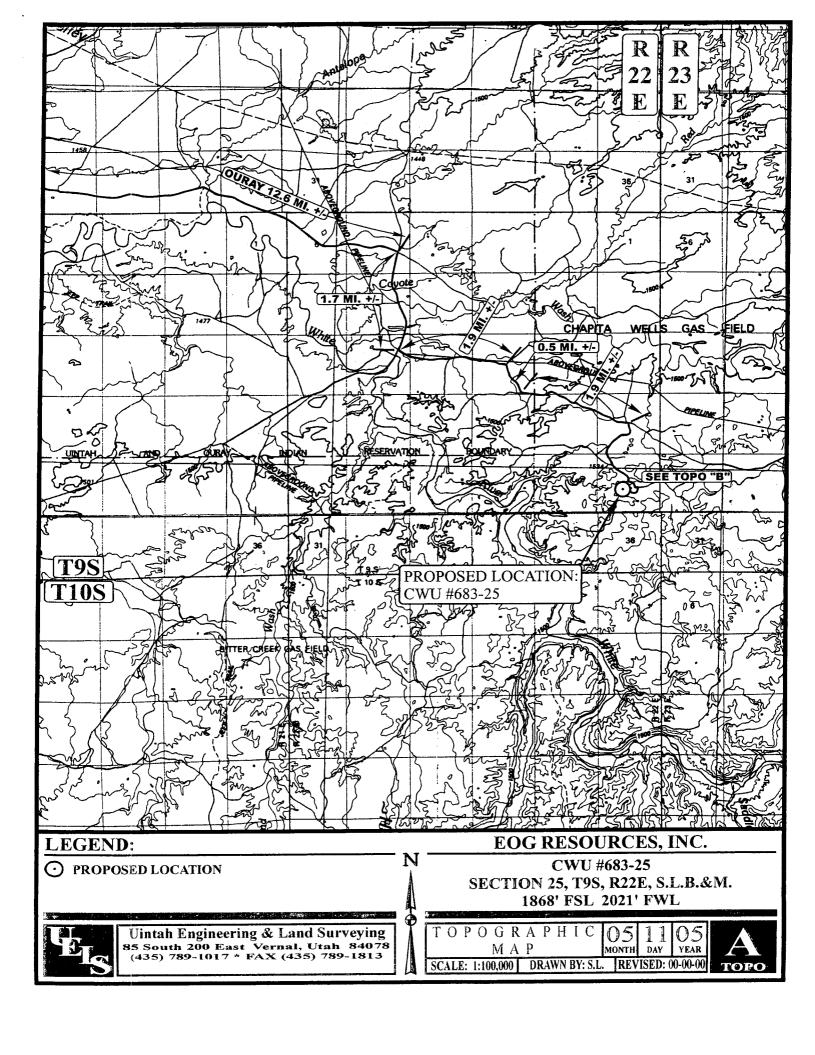
85 South 200 East Vernal, Utah 84078
435-789-1017 Vernal, Utah 84078
uelsi@uelsinc.com

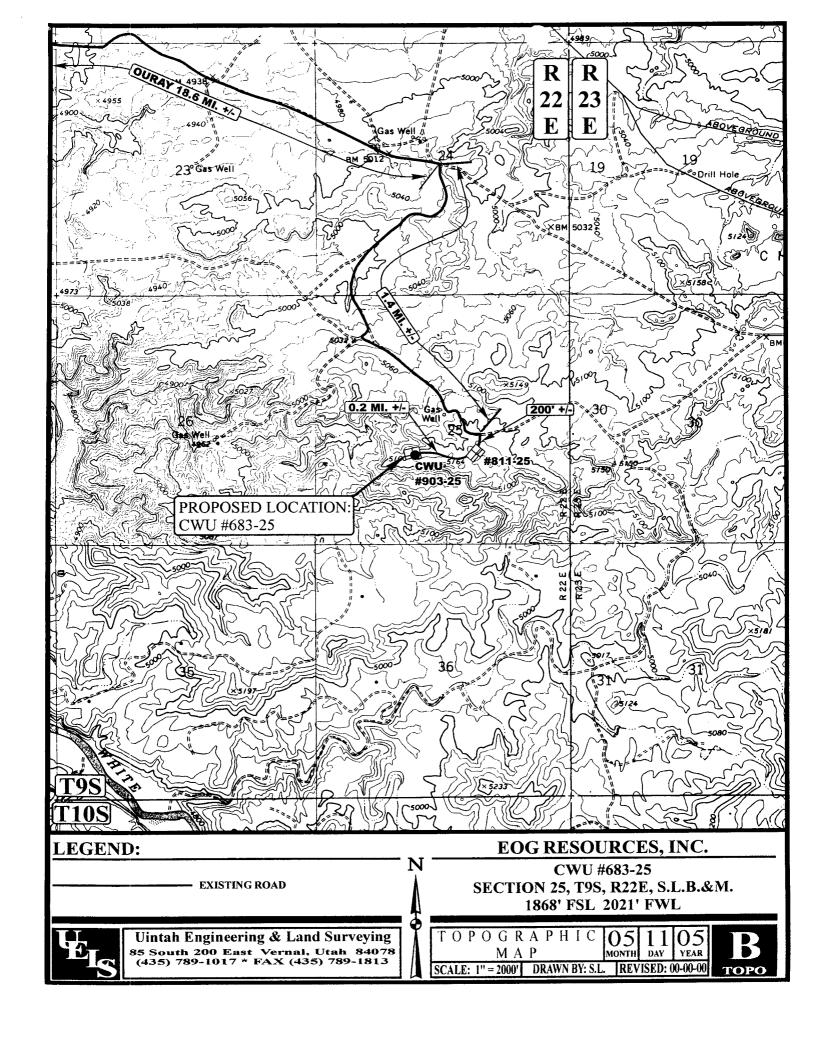
LOCATION PHOTOS 05 11 05

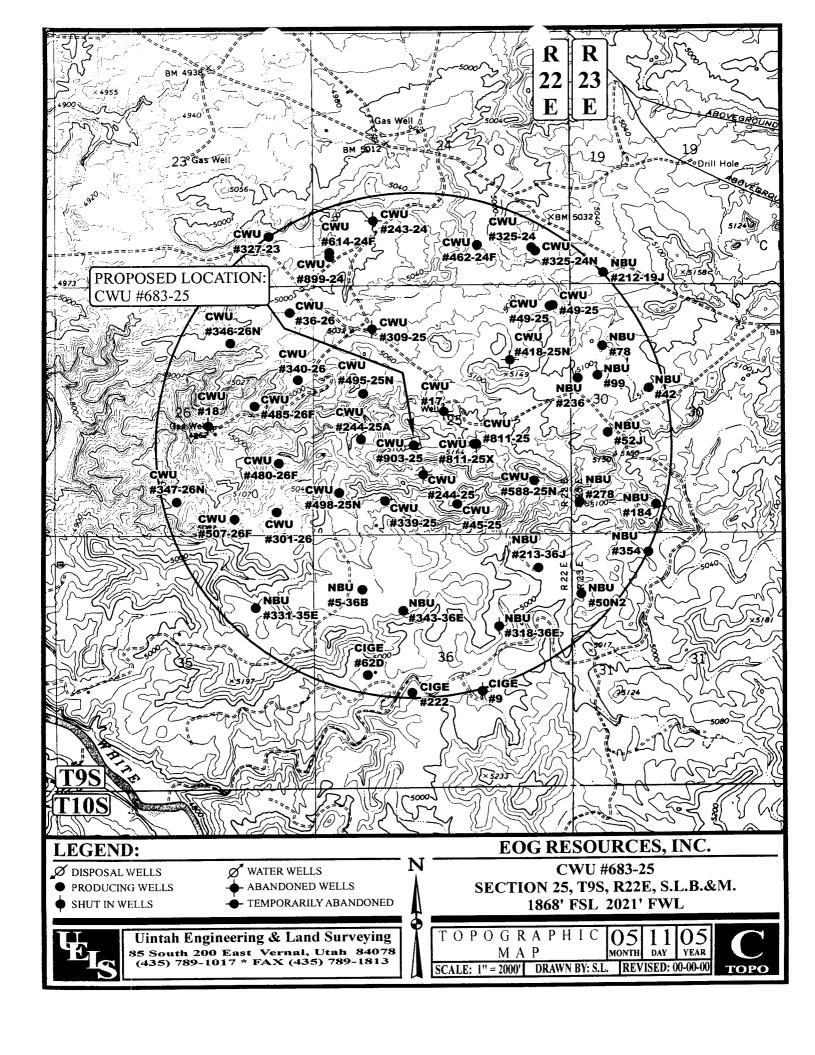
TAKEN BY: D.L. DRAWN BY: S.L. REVISED: 00-00-00





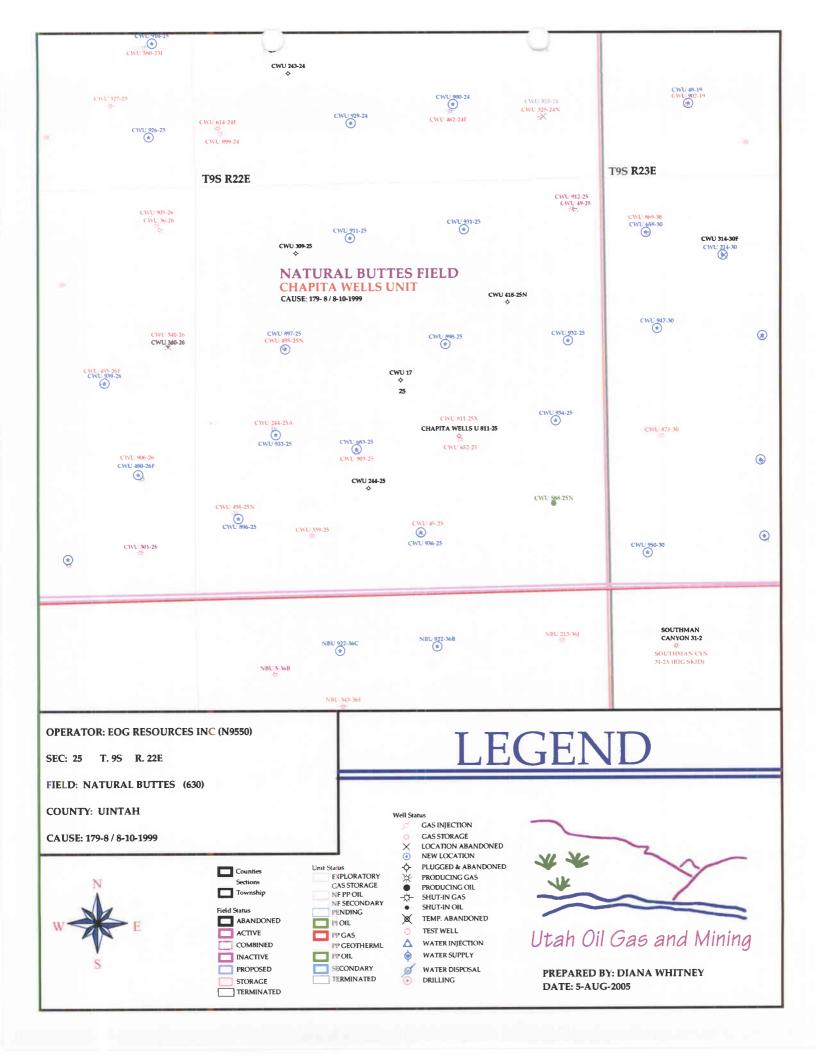






## WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 08/04/2005	API NO. ASSIGNED: 43-047-36937
WELL NAME: CWU 683-25	
OPERATOR: EOG RESOURCES INC ( N9550 )	
CONTACT: ED TROTTER	PHONE NUMBER: 435-789-4120
PROPOSED LOCATION:  NESW 25 090S 220E  SURFACE: 1868 FSL 2021 FWL  BOTTOM: 1868 FSL 2021 FWL  UINTAH  NATURAL BUTTES (630 )  LEASE TYPE: 1 - Federal  LEASE NUMBER: U-0285-A  SURFACE OWNER: 1 - Federal  PROPOSED FORMATION: NHORN  COALBED METHANE WELL? NO	INSPECT LOCATN BY: / /  Tech Review Initials Date  Engineering  Geology  Surface  LATITUDE: 40.00494  LONGITUDE: -109.3898
RECEIVED AND/OR REVIEWED:  Plat  Bond: Fed[1] Ind[] Sta[] Fee[]  (No. NM-2308  Potash (Y/N)  Oil Shale 190-5 (B) or 190-3 or 190-13  Water Permit  (No. 49-1501  N RDCC Review (Y/N)  (Date:  NA Fee Surf Agreement (Y/N)  Intent to Commingle (Y/N)	LOCATION AND SITING:  R649-2-3.  Unit CHAPITA WELLS  R649-3-2. General Siting: 460 From Qtr/Qtr & 920' Between Wells  R649-3-3. Exception  Drilling Unit Board Cause No:
STIPULATIONS: 1- Fed approx 2-0:1 Space	<b>Q</b>



#### **United States Department of the Interior**

#### BUREAU OF LAND MANAGEMENT Utah State Office P.O. Box 45155 Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: 3160 (UT-922)

August 9, 2005

Memorandum

To:

Assistant District Manager Minerals, Vernal District

From:

Michael Coulthard, Petroleum Engineer

Subject:

2005 Plan of Development Chapita Wells Unit Uintah

County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2005 within the Chapita Wells Unit, Uintah County, Utah.

API#

WELL NAME

LOCATION

(Proposed PZ North Horn)

43-047-36938 CWU 682-30 Sec 30 T09S R23E 2065 FNL 1989 FWL 43-047-36937 CWU 683-25 Sec 25 T09S R22E 1868 FSL 2021 FWL 43-047-36936 CWU 684-1 Sec 1 T09S R22E 0640 FSL 1798 FWL

As stated in our memo dated June 8, 2005, production from the North Horn formation will be allocated to the Wasatch Participating Area. This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File - Chapita Wells Unit

Division of Oil Gas and Mining

Central Files
Agr. Sec. Chron
Fluid Chron



State of Utah

#### Department of **Natural Resources**

MICHAEL R. STYLER Executive Director

Division of Oil, Gas & Mining

> JOHN R. BAZA Division Director

JON M. HUNTSMAN, JR. Governor

> GARY R. HERBERT Lieutenant Governor

> > August 9, 2005

EOG Resources Inc. P O Box 1815 Vernal, UT 84078

Re: Chapita Wells Unit 683-25 Well, 1868' FSL, 2021' FWL, NE SW, Sec. 25, T. 9 South, R. 22 East, Uintah County, Utah

#### Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-36937.

Sincerely,

**Acting Associate Director** 

pab **Enclosures** 

**Uintah County Assessor** cc:

Bureau of Land Management, Vernal District Office

Operator:	EOG Resources Inc.			
Well Name & Number	Chapita Wells I	Jnit 683-25		
API Number:	43-047-36937			
Lease:	U-0285-A			
Location: NE SW	Sec. 25	<b>T.</b> 9 South	R. 22 East	

#### **Conditions of Approval**

#### 1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

#### 2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dan Jarvis at (801) 538-5338

#### 3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.
- 5. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

Form 3160-3 (April 2004)	<b>₩</b> 0 ++ *			1			I APPROVED No. 1004-0137
	UNITED	QT A TEQ	AUG (	0.3	2005	Expire	s March 31, 2007
DEC 3 V 2005	DEPARTMENT OF BUREAU OF LAN	F THE INTERIOR D MANAGEMENT			5. Lease Ser U-02	ial No. <b>285-A</b>	
DIV. OF CARPOLICA	ING ATION FOR PERMI	T TO DRILL OR RE	EENTE	R	6. If India	nn, Allottee or	r Tribe Name
1a. Type of Work: X D	DRILL [	REENTER					ment, Name and No. /ELLS UNIT
1b. Type of Well: Oil W	/ell X Gas Well ☐ Other	Single Zone X Mul	tiple Zone			Name and We	ell No. LS UNIT 683-25
2. Name of Operator EOG RESOURC	CES, INC.				9. API W	ell No.	737
	L, UT 84078	3b. Phone No. (Include area (435)789-0790	code)			URAL B	UTTES
4. Location of Well (Report l	location clearly and in accordan	ce with any State requirements.*)			11. Sec., T.,	R., M., or B	lk. and Survey or Area
At surface 1868' At proposed prod. Zone	FSL, 2021' FWL	NE/SW				. 25, T9S .L.B.&M	,
<b>20.23 MILES SC</b>	oction from nearest town or post of DUTHEAST OF OU	RAY, UTAH			12. County o	ГАН	13. State UTAH
<ol> <li>Distance from proposed*         location to nearest             property or lease line, ft.             (Also to nearest drig. Unit lease)     </li> </ol>	1868' line, if any)	16. No. of Acres in lease 1800		17.	Spacing Unit	dedicated to	this well
18. Distance from proposed to nearest well, drilling, or applied for, on this lease,	ompleted,	19. Proposed Depth 7025		20.	BLM/BIA Bo NM-23		e
21. Elevations (Show whether 5117.4 FEET GI	r DF, KDB, RT, GL, etc.) RADED GROUND	22. Approximate date work will UPON APPROVA			23	3. Esti mated 45 DA	
Attachments							
The following, complete	d in accordance with the requirer	nents of Onshore Oil and Gas Ord					
<ol> <li>Well plat certified by</li> <li>A Drilling Plan.</li> <li>A Surface Use Plan (in SUPO shall be filed by</li> </ol>		(see est System Lands, the 5. Operato	tem 20 abor certification	ove). ion.			existing bond on file . may be required
	<u> </u>	by t	he authorize	ed offic	сег.		
25. Signature	Nutt-	Name (Printed/Typed) Ed Trotter				1 1 1	July 29, 2005
Title Agent	^						
Approved by (Signature)		Name (Printed/Typed)    Pine K Sokside	. (KY			Date Prz.	22 Zus
ACTIVO MI	tant Field Manager	Office VILANIL FIRES	0132142				
Application approval does not conduct operations thereon. Conditions of Approval, if any	warrant or certify that the applic	ant holds legal or equitable title to	those right	ts in the	e subject leas	e which woul	d entitle the applicant to
Title 18 U.S.C. Section 1001 a	and Title 43 U.S.C. Section 1212	, make it a crime for any person l	nowingly a	nd will	Ifully to make	to any depar	tment or agency of the

United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. \*(Instructions on page 2)

Page 1 of 6 Well: CWU 683-25 12/19/2005



#### UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE** 170 South 500 East

**VERNAL, UT 84078** (435) 781-4400



#### CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:

EOG Resources, Inc.

Location:

NESW, Sec. 25, T9S, R22E

Well No: CWU 683-25 43-047-36937 API No:

Lease No:

UTU-0285-A

Agreement:

N/A

Cell: 435-828-4470 Matt Baker Office: 435-781-4490 Petroleum Engineer: Cell: 435-828-7875 Office: 435-781-4432 Michael Lee Petroleum Engineer: Office: 435-781-4502 Cell: 435-828-3913 Supervisory Petroleum Technician: Jamie Sparger Cell: 435-828-4029 Paul Buhler Office: 435-781-4475 **Environmental Scientist:** 

**Environmental Scientist:** Natural Resource Specialist: Natural Resource Specialist: Karl Wright Holly Villa Melissa Hawk Office: 435-781-4484 Office: 435-781-4404

Office: 435-781-4476

#### A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations.

#### NOTIFICATION REQUIREMENTS

**Location Construction** (Notify Paul Buhler)

- Forty-Eight (48) hours prior to construction of location and access roads.

**Location Completion** (Notify Paul Buhler)

- Prior to moving on the drilling rig.

**Spud Notice** (Notify PE)

- Twenty-Four (24) hours prior to spudding the well.

Casing String & Cementing (Notify SPT)

- Twenty-Four (24) hours prior to running casing and cementing all casing strings.

BOP & Related Equipment Tests (Notify SPT)

- Twenty-Four (24) hours prior to initiating pressure tests.

First Production Notice (Notify PE)

- Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

Page 2 of 6 Well: CWU 683-25 12/19/2005

### SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee shall submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, an Interim Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. At a minimum, this will include the reshaping of the pad to the original contour to the extent possible; the respreading of the top soil up to the rig anchor points; and, the area reseeded using appropriate reclamation methods. The AO will provide written approval or concurrence within 30 calendar days of receipt.

A Paleontologist acceptable to the BLM will monitor construction activity for surface disturbing activities described in the APD. If paleontologic resources are uncovered during construction activities, the operator shall immediately suspend all operations that will further disturb such resources, and immediately notify the Authorized Officer (AO). The AO will arrange for a determination of significance and, if necessary, recommend a recovery or avoidance plan.

If paleontologic materials are uncovered during construction, the operator shall immediately stop work that might further disturb such materials and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation will be necessary for the discovered paleontologic material.

Following well plugging and abandonment, the location, access roads, pipelines, and other facilities shall be reclaimed. All disturbed surfaces shall be reshaped to approximate the original contour; the top soil respread over the surface; and, the surface revegetated. The surface of approved staging areas where construction activities did not occur may require disking or ripping and reseeding.

The pipeline shall be buried within the identified construction width of an access corridor that contains the access road and pipelines. The operator may request in writing an exception to this COA. Exceptions to this COA may include but are not limited to: laterally extensive, hard indurated bedrock, such as sandstone, which is at or within 2 feet of the surface; and, soil types with a poor history for successful rehabilitation. The exception request will be reviewed by the authorized officer (AO) and a determination made.

Prior to abandonment of a buried pipeline, the operator will obtain authorization from the appropriate regulatory agency. BLM will determine whether the pipeline and all above ground pipeline facilities shall be removed and unsalvageable materials disposed of at approved sites or abandoned in place. Reshaping and revegetation of disturbed land areas will be completed where necessary.

The following seed mixture shall be used:

· · · · · · · · · · · · · · · · · · ·	Туре	lbs./acre
Shadscale	Atriplex confertifolia	3
Fourwing salt bush	Atgriplex canescens	3
Galleta grass	Hilaria jamesil	3
Gardners salt brush	Atriplex gardneri	3
	d; but if broadcasted double the solids mechanically to cover the	

• Other reclamation methods including but not limited to mulching or soil treatments may be required on a site-specific basis.

Page 3 of 6 Well: CWU 683-25 12/19/2005

#### DOWNHOLE CONDITIONS OF APPROVAL

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

#### SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

• Proposed production casing cementing volumes are inadequate and do not circulate cement to a high enough fill-up. Additional cement beyond the proposed levels indicated in the operators application will need to be pumped. The cement volumes pumped should include appropriate excess factors. For the cementing program of the production casing string, the circulation or top of cement on the production string is to be at a minimum two hundred feet (200') above the base of usable water. Per BLM estimates, the base of usable water is estimated to be at 2,117 feet. Production casing string circulation or top of cement is to be at or above depth feet 1,917 toc intvl~BsWtrUs.

#### DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- <u>Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.</u>
- Blowout prevention equipment (BOPE) will remain in use until the well is completed or abandoned. Closing unit controls must remain unobstructed and readily accessible at all times. Choke manifolds must be located outside of the rig substructure.
- All BOPE components will be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests must be performed by a test pump with a chart recorder and <u>NOT</u> by the rig pumps. Test must be reported in the driller's log.
- BOP drills must be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.

Page 4 of 6 Well: CWU 683-25 12/19/2005

 All shows of fresh water and minerals will be reported and protected. A sample will be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows will be adequately tested for commercial possibilities, reported, and protected.

- No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM, Vernal Field Office must be obtained and notification given before resumption of operations.
- Chronologic drilling progress reports must be filed directly with the BLM, Vernal Field
  Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers
  until the well is completed.
- Any change in the program must be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) must be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.
- Emergency approval may be obtained orally, but such approval does not waive the
  written report requirement. Any additional construction, reconstruction, or alterations of
  facilities, including roads, gathering lines, batteries, etc., which will result in the
  disturbance of new ground, will require the filing of a suitable plan pursuant to Onshore
  Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field
  Office.
- In accordance with 43 CFR 3162.4-3, this well must be reported on the "Monthly Report
  of Operations" (Oil and Gas Operations Report [OGOR]) starting with the month in which
  operations commence and continue each month until the well is physically plugged and
  abandoned. This report shall be filed in duplicate, directly with the Minerals
  Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800525-7922 (303) 231-3650 for reporting information.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) will be submitted only when requested by the BLM, Vernal Field Office.
- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the BLM, Vernal Field Office.
- All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.
- Oil and gas meters will be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration

Page 5 of 6 Well: CWU 683-25 12/19/2005

and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.

- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3
- This APD is approved subject to the requirement that, should the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - o Operator name, address, and telephone number.
  - o Well name and number.
  - Well location (¼¼, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - o The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and / or participating area name and number, if applicable.
  - o Communitization agreement number, if applicable.
- Any venting or flaring of gas will be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, will be reported verbally within 24 hours, followed by a written report within 15 days.
   "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

Page 6 of 6 Well: CWU 683-25 12/19/2005

• Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

#### STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES 5. LEASE DESIGNATION AND SERIAL NUMBER: DIVISION OF OIL, GAS AND MINING U-0285A 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: SUNDRY NOTICES AND REPORTS ON WELLS 7. UNIT or CA AGREEMENT NAME: Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. CHAPITA WELLS UNIT 8. WELL NAME and NUMBER: 1. TYPE OF WELL GAS WELL 🗸 OIL WELL OTHER **CHAPITA WELLS UNIT 683-25** 9. API NUMBER: 2. NAME OF OPERATOR: 43-047-36937 EOG RESOURCES, INC 3. ADDRESS OF OPERATOR PHONE NUMBER: 10 FIELD AND POOL OR WILDCAT CITY VERNAL \_<sub>ZIP</sub> 84078 **NATURAL BUTTES** STATE UT (435) 789-0790 P.O. BOX 1815 4. LOCATION OF WELL FOOTAGES AT SURFACE: 1868 FSL 2021 FWL 40.004900 LAT 109.390517 LON COUNTY: UINTAH QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESW 25 98 22E S.L.B. & M STATE: HATIS CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 11 TYPE OF SUBMISSION TYPE OF ACTION REPERFORATE CURRENT FORMATION DEEPEN ACIDIZE  $\mathbf{Z}$ NOTICE OF INTENT FRACTURE TREAT SIDETRACK TO REPAIR WELL (Submit in Duplicate) ALTER CASING TEMPORARILY ABANDON NEW CONSTRUCTION Approximate date work will start: CASING REPAIR **TUBING REPAIR** CHANGE TO PREVIOUS PLANS OPERATOR CHANGE VENT OR FLARE CHANGE TUBING PLUG AND ABANDON SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK WATER DISPOSAL (Submit Original Form Only) PRODUCTION (START/RESUME) WATER SHUT-OFF CHANGE WELL STATUS Date of work completion: COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE OTHER: APD EXTENSION REQUEST **RECOMPLETE - DIFFERENT FORMATION** CONVERT WELL TYPE 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. EOG Resources, Inc. respectfully requests the APD for the referenced well be extended for one year. Approved by the Utah Division of Oil, Gas and Mining Kaylene R. Gardner Regulatory Assistant NAME (PLEASE PRINT) TITLE

(This space for State use only)

SIGNATUE



DATE

7/17/2006

RECEIVED JUL 2 0 2006

## Application for Permit to Drill Request for Permit Extension Validation

(this form should accompany the Sundry Notice requesting permit extension)

API:

43-047-36937

Well Name: CHAPITA WELLS UNIT 683-25 Location: 1868 FSL 2021 FWL (NESW), SECTION 25, T9S, R22E S.L.B.&M Company Permit Issued to: EOG RESOURCES, INC. Date Original Permit Issued: 8/9/2005
The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.
Following is a checklist of some items related to the application, which should be verified.
If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes□No□
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes□ No ☑
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes□No☑
Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes□No ☑
Has the approved source of water for drilling changed? Yes□No☑
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes□No☑
Is bonding still in place, which covers this proposed well? Yes ☑No□
Signature Date
Title: REGULATORY ASSISTANT
Representing: EOG RESOURCES, INC.

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JUL 2 0 2006

Form 3160-5 (February 2005)

## UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPRO OM B No. 1004 Expires: March		CE	i\/	Er	•
ease Serial No.	I limite		i V		,

5. L

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Do not use th		PORTS ON WELLS o drill or to re-enter an APD) for such proposals.	6. If Indian, Allottee or Tribe Name NOV 2 1 20
***************************************	PLICATE- Other instr	uctions on reverse side.	7. If Unit or CA/Agreement, Name an 705 b.  Chapita Wells Unit
Type of Well Oil Well      Name of Operator EOG Resou	Gas Well Other		8. Well Name and No. Chapita Wells Unit 683-25 9. API Well No.
3a Address 1060 East Highway 40 Vernal,	Ut 84078	3b. Phone No. (include area code) 435-781-9111	9. API Well No. 43-047-36937  10. Field and Pool, or Exploratory Area Natural Buttes
4. Location of Well (Footage, Sec., 1868' FSL & 2021' FWL (NE/Sec. 25-T9S-R22E 40.0049009	SW)		11. County or Parish, State Uintah County, Utah
*****	PPROPRIATE BOX(ES) TO	INDICATE NATURE OF NOTICE, F TYPE OF ACTION	REPORT, OR OTHER DATA
TYPE OF SUBMISSION  Notice of Intent Subsequent Report Final Abandonment Notice	Acidize  Alter Casing  Casing Repair  Change Plans  Convert to Injection	Deepen Production (St Fracture Treat Reclamation New Construction Recomplete Plug and Abandon Temporarily A Plug Back Water Disposal	Well Integrity  ✓ Other APD Renewal  bandon
If the proposal is to deepen dire Attach the Bond under which the following completion of the inv	ctionally or recomplete horizontally ne work will be performed or provice tolved operations. If the operation real Abandonment Notices must be	r, give subsurface locations and measured and trule the Bond No. on file with BLM/BIA. Requiresults in a multiple completion or recompletion	any proposed work and approximate duration thereof. ue vertical depths of all pertinent markers and zones. red subsequent reports must be filed within 30 days in a new interval, a Form 3160-4 must be filed once mation, have been completed, and the operator has
EOG Resources, Inc. requ	ests the APD for the reference	d well originally approved 12/22/2005 be o	extended for one year.

RECEIVED DEC 2 1 2006

	DIV OF OU	
14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)	DIV. OF OIL, GAS & MIN.	ING
Kaylene R. Gardner	Title Sr. Regulatory Assistant	
Signature to the state of the s	Date 11/20/2006	
THIS SPACE FOR FEDERAL	OR STATE OFFICE USE	
Approved by	Petroleum Engineer Date Date 2006	
Conditions of approval; if any, are attached. Apply and this notice does not warrant certify that the applicant holds legal or equitable title to those tights in the subject leas which would entitle the applicant to conduct operations thereon.	t or Se Office	
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any p States any false, fictitious or fraudulent statements or representations as to any matter of the statements of the statem	person knowingly and willfully to make to any department or agency of the United within its jurisdiction.	

(Instructions on page 2)



CONDITIONS OF APPROVAL ATTACHED

## **CONDITIONS OF APPROVAL**

## EOG Resources, Inc.

## **Notice of Intent APD Extension**

Lease:

U-0285A

Well:

CWU 683-25

Location:

NESW Sec 25-T9S-R22E

An extension for the referenced APD is granted with the following conditions:

- 1. The extension and APD shall expire on 12/22/07
- 2. No other extension shall be granted.

If you have any other questions concerning this matter, please contact Jim Ashley of this office at (435) 781-4470.

Form 3160-5 (February 2005)

#### **UNITED STATES** DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED OM B No. 1004-0137 Expires: March 31, 2007 5. Lease Serial No.

## SUNDRY NOTICES AND REPORTS ON WELLS

6.	If Indian,	Allottee or Tribe Name	Allottee or Tribe	

U-0285-A

	is form for proposals ell. Use Form 3160 - 3				
	PLICATE- Other ins	structions on revers	se side.		CA/Agreement, Name and/or No.  Wells Unit
1. Type of Well Oil Well	Gas Well Other			8. Well Name	e and Na Wells Unit 683-25
Name of Operator EOG Resou     Address	arces, Inc.	3b. Phone No. (include	area code)	9. API Well 43-047-3	
600 17th Street, Suite 1000N, D		303-824-5526			Pool, or Exploratory Area Buttes/Wasatch
4. Location of Well (Footage, Sec., 1868' FSL & 2021' FWL (NES Sec. 25-T9S-R22E 40.004900	SW) LAT 109.390517 LON		OF NOTICE	Uintah C	Parish, State County, UT
12. CHECK AI	PPROPRIATE BOX(ES)			REPORT, OR	OTHER DATA
TYPE OF SUBMISSION		TYP	E OF ACTION		
Notice of Intent Subsequent Report Final Abandonment Notice	Acidize Alter Casing Casing Repair Change Plans Convert to Injection	Deepen Fracture Treat New Construction Plug and Abandon Plug Back	Production (S Reclamation Recomplete Temporarily Water Disposa	Abandon	Water Shut-Off Well Integrity Other
Describe Proposed or Complet     If the proposal is to deepen dire	ted Operation (clearly state all p ectionally or recomplete horizor	ntally, give subsurface location	is and measured and t	rue vertical depths	k and approximate duration thereof. of all pertinent markers and zones.

Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

EOG Resources, Inc. requests permission to change the drilling plan for the referenced well to change the casing depth from 500' to 2500'. A revised drilling plan is attached.

> Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY

RECEIVED

APR 2 5 2007

DIV. OF OIL, GAS & MINING

14. Thereby certify that the foregoing is true and correct Name (Printed/Typed)  Mary A. Maestas	Title Regula	atory Assistant	
Signature Mana // Mala an	Date	04/24/2007	
THIS SPACE FOR FEDERAL	OR STA	TE OFFICE USE	
Approved by	Title		Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant certify that the applicant holds legal or equitable title to those rights in the subject least which would entitle the applicant to conduct operations thereon.	se Office		
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any patters any false, fictitious or fraudulent statements or representations as to any matter	erson knowin within its juri	igly and willfully to make to a sdiction.	any department or agency of the United

## **CHAPITA WELLS UNIT 683-25** NE/SW, SEC. 25, T9S, R22E, S.L.B.&M.

## **UINTAH COUNTY, UTAH**

## 1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

FORMATION	TVD-RKB (ft)	Objective	Lithology	
Green River	1,577		Shale	
C-Zone	1,920			
Mahogany Oil Shale Bed	2,260		Shale	
Middle Carb Bed	3,018		Limestone	
Castle Peak MBR	4,201		Sandstone	
Uteland Butte MBR	4,475		Limestone	
Wasatch	4,592	Primary	Sandstone	Gas
Chapita Wells	5,159	Primary	Sandstone	Gas
Buck Canyon	5,873	Primary	Sandstone	Gas
North Horn	6,556	Primary	Sandstone	Gas
Island	6,817	Primary	Sandstone	Gas
TD	9,800			

Estimated TD: 7,025' or 200'± below Sego top

**Anticipated BHP: 3,835 Psig** 

- 1. Fresh Waters may exist in the upper, approximately 1,000 ft ± of the Green River Formation, with top at about 2,000 ft ±.
- 2. Cement isolation is installed to surface of the well isolating all zones by cement.

#### 3. PRESSURE CONTROL EQUIPMENT:

Production Hole – 5000 Psig

BOP schematic diagrams attached.

#### 4. CASING PROGRAM:

CASING	Hole Size	Length	Size	WEIGHT	Grade	Thread	Rating Collance	Factor Burst	Tensile
Cond.	17 1/2"	0 – 45'	13 3/8"	48.0#	H-40	STC	770 PSI	1730 PSI	322,000#
Surface	12 1/4"	0' - 2,300' KB±	9-5/8"	36.0#	J-55	STC	2020 PSI	3520 Psi	394,000#
Prod	7-7/8"	Surface – TD	4-1/2"	11.6#	P-110	LTC	7560 PSI	10,710 Psi	284,000#

Note: 12-1/4" surface hole will be drilled to a total depth of 200'± below the base of the Green River lost circulation zone and cased w/9-5%" as shown to that depth. Drilled depth may be shallower or deeper than the 2300' shown above depending on the actual depth of the loss zone.

## All casing will be new or inspected.

## CHAPITA WELLS UNIT 683-25 NE/SW, SEC. 25, T9S, R22E, S.L.B.&M. UINTAH COUNTY, UTAH

## 5. Float Equipment:

## Surface Hole Procedure (0'- 2300'±)

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers: 1-5' above shoe, top of jts. #2 and #3 then every 5<sup>th</sup> joint to surface. (15 total)

## Production Hole Procedure (2300'± - TD):

Float shoe, 1 joint casing, float collar and balance of casing to surface. 4-1/2", 11.6#, N-80 or equivalent marker collars or short casing joints to be placed at top of Price River and 400' above top of Wasatch. Centralizers to be placed 5' above shoe on joint #1, top of joint #2, and every 2nd joint to 400' above Wasatch Island top. Thread lock float shoe, top and bottom of float collar, and top of 2<sup>nd</sup> joint.

## 6. MUD PROGRAM

## Surface Hole Procedure (Surface - 2300'±):

Air/air mist or aerated water.

<u>Production Hole Procedure (2300' $\pm$  - TD):</u> Anticipated mud weight 9.5 – 10.5 ppg depending on actual wellbore conditions encountered while drilling.

2300'±-TD A closed mud system will be utilized. A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Deflocculants/thinners will be used as necessary to maintain mud quality. LCM sweeps will be utilized as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

#### 7. VARIANCE REQUESTS:

## Reference: Onshore Oil and Gas Order No. 2 – Item E: Special Drilling Operations

EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. Due to reduce location excavation, the blooie line will be approximately 75' in length

## **CHAPITA WELLS UNIT 683-25** NE/SW, SEC. 25, T9S, R22E, S.L.B.&M. **UINTAH COUNTY, UTAH**

## 8. EVALUATION PROGRAM:

Logs:

Mud log from base of surface casing to TD.

Cased-hole Logs:

Cased-hole logs will be run in lieu of open-hole logs consisting of the following:

**Cement Bond / Casing Collar Locator and Pulsed Neutron** 

## 9. CEMENT PROGRAM:

## Surface Hole Procedure (Surface - 2300'±):

Lead:

185 sks Class "G" cement with 16% Gel, 10 #/sx Gilsonite, 3% Salt, 2% CaCI<sub>2</sub>, 3 lb/sx GR3

1/4 #/sx Flocele mixed at 11 ppg, 3.82 ft<sup>3</sup>/sk. yield, 23 gps water.

Tail:

207 sks Class "G" cement with 2% CaCI<sub>2</sub>, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft<sup>3</sup>/sk., 5.2

gps water.

Top Out: As necessary with Class "G" cement with 2% CaCI<sub>2</sub>, ½#/sk Flocele mixed at 15.6 ppg, 1.18

ft<sup>3</sup>/sk., 5.2 gps water.

Note:

Cement volumes will be calculated to bring lead cement to surface and tail cement to

500'above the casing shoe.

## Production Hole Procedure (2300'± - TD)

Lead:

130 sks: Hi-Lift "G" w/12% D20 (Bentonite), 1% D79 (Extender), 5% D44

(Salt),0.2% D46 (Antifoam), 0.25% D112 (Fluid Loss Additive), 0.25 pps D29

(cello flakes) mixed at 11.0 ppg, 3.91 ft<sup>3</sup>/sk., 24.5 gps water.

Tail:

515 sks: 50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075% D13

(Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at

14.1 ppg, 1.28 ft<sup>3</sup>/sk., 5.9gps water.

Note:

The above number of sacks is based on gauge-hole calculation.

Lead volume to be calculated to bring cement to 200'± above 9-5/8" casing shoe. Tail volume to be calculated to bring cement to 400'± above top of Wasatch.

Final Cement volumes will be based upon gauge-hole plus 45% excess.

## CHAPITA WELLS UNIT 683-25 NE/SW, SEC. 25, T9S, R22E, S.L.B.&M. UINTAH COUNTY, UTAH

## 10. ABNORMAL CONDITIONS:

#### Surface Hole (Surface - 2300'±):

Lost circulation

#### **Production Hole (2300'± - TD):**

Sloughing shales, lost circulation and key seat development are possible in the Wasatch Formation.

#### 11. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

## 12. HAZARDOUS CHEMICALS:

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

(Attachment: BOP Schematic Diagram)

## DIVISION OF OIL, GAS AND MINING

## **SPUDDING INFORMATION**

Name of Co	mpany:	EOG I	RESOUR	CES IN	<u>C</u>		
Well Name:		CWU	683-25				
Api No:	43-047-36	937	Le	ase Type	e: <u>F</u> F	EDERAL	
Section 25	Township_	09S Range	22E(	County_	UINT	АН	
Drilling Cor	ntractor <u>CR</u>	AIG'S ROUST	TABOUT	SERV	_RIG #	BUCKET	
SPUDDE	D:						
	Date	05/03/07					
	Time	3:00 PM					
	How	DRY					
Drilling w	ill Commer	nce:					
Reported by	•	DALL C	оок		· <u></u>		
Telephone #	<u> </u>	(435) 828	3-3630				
Date	05/04/07		Signed	I <u> </u>	CHD		

#### STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

## **ENTITY ACTION FORM**

Operator:

EOG RESOURCES, INC.

Operator Account Number: N 9550

Address:

600 17th Street

city Denver

zip 80202 state CO

Phone Number: (303) 262-2812

#### Well 1

	Well Name CHAPITA WELLS UNIT 447-10		QQ	Sec	Twp	Rng	County
43-047-38084			SENW	10	98	22E	UINTAH
Action Code	Current Entity New Entity Number Number		Spud Date			y Assignment fective Date	
Α	99999	16077		5/7/2007		51	10/07

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
43-047-38609	HOSS 4-36		SWNW	36	8S	22E	UINTAH
Action Code	Current Entity Number	• •		Spud Date			y Assignment fective Date
Α	99999	16111	5/3/2007		5/3	30/07	
	PRRV = MV						

#### Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
43-047-36937	CHAPITA WELLS UNIT 683-25		NESW	25	98	22E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
*B	99999	4905		5/3/2007		5	110/07
Comments: n HORN = W S 7C						RE	CEIVED
,	7,000					MΔ\	Y 1 0 2007

#### **ACTION CODES:**

- A Establish new entity for new well (single well only)
- **B** Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- D Re-assign well from one existing entity to a new entity
- E Other (Explain in 'comments' section)

DIV. OF OIL, GAS & MINING

Carrie MacDonald Name (Please Print)

Signature

**Operations Clerk** 

5/7/2007 Date

Title

Form 3160-5 (February 2005)

#### **UNITED STATES** DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED OM B No. 1004-0137 Expires: March 31, 2007

#### SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an

	U-0285-A	
6.	If Indian, Allottee or Tribe Name	

5. Lease Serial No.

abandoned we	ell. Use Form 3160 - 3	(APD) for such pro	posals.		
SUBMIT IN TR	IPLICATE- Other ins	tructions on rever	se side.	İ	r CA/Agreement, Name and/or No.
I. Туре of Well ☐ Oil Well	Gas Well Other			8. Well Na	
Name of Operator EOG Resor     Address	irces, Inc.	3b. Phone No. (include	area codel	9. API We 43-047	*
600 17th Street, Suite 1000N, I		303-262-2812	urea code)	_	nd Pool, or Exploratory Area
4. Location of Well (Footage, Sec., 1,868' FSL & 2,021' FWL (NE Sec. 25-T9S-R22E 40.004900 I	SW) LAT 109.390517 LON			11. County Uintah	or Parish, State  County, Utah
12. CHECK A	PPROPRIATE BOX(ES) T	O INDICATE NATUR	E OF NOTICE, I	REPORT, OF	R OTHER DATA
TYPE OF SUBMISSION		TYI	PE OF ACTION		
Notice of Intent  ✓ Subsequent Report  Final Abandonment Notice	Acidize Alter Casing Casing Repair Change Plans Convert to Injection	Deepen Fracture Treat New Construction Plug and Abandon Plug Back	Production (Single Reclamation Recomplete Temporarily A Water Disposal	bandon	Water Shut-Off Well Integrity Other Well spud
13. Describe Proposed or Complet If the proposal is to deepen dire	ed Operation (clearly state all per ectionally or recomplete horizont	tinent details, including esti	mated starting date of a	any proposed we ue vertical dept	ork and approximate duration thereof. hs of all pertinent markers and zones.

Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The referenced well spud on 5/3/2007.

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)			
Carrie MacDonald	Title Operation	is Clerk	
Signature Carri Mulle	Date	05/07/2007	
THIS SPACE FOR FEDERAL	OR STATE	OFFICE USE	
Approved by	Title		Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant certify that the applicant holds legal or equitable title to those rights in the subject leas which would entitle the applicant to conduct operations thereon.			
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any p States any false, fictitious or fraudulent statements or representations as to anymatter	erson knowingly within its jurisdic	and willfully to make to a	any department or agency of the United

(Instructions on page 2)

RECEIVED MAY 1 0 2007

Form 3160-5 (February 2005)

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OM B No. 1004-0137
Expires: March 31, 200

Lease Serial No. U-0285-A

6.	lf	Indian,	Allottee	or 1	Γribe	Name
0.	п	indian,	Anouee	or .	ribe	Name

SUBMIT IN TR	7. If Unit or CA/Agreement, Name and/or No.			
1. Type of Well Oil Well	Gas Well Other			8. Well Name and No.
2. Name of Operator EOG Resor	irces. Inc.			Chapita Wells Unit 683-25
3a Address		3b. Phone No. (include	area code)	9. API Well No. 43-047-36937
600 17th Street, Suite 1000N, I	enver, CO 80202	303-262-2812		10. Field and Pool, or Exploratory Area Natural Buttes/Wasatch
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  1,868' FSL & 2,021' FWL (NESW)  Sec. 25-T9S-R22E 40.004900 LAT 109.390517 LON			11. County or Parish, State Uintah County, Utah	
12. CHECK AI	PROPRIATE BOX(ES) T	O INDICATE NATUR	E OF NOTICE, R	EPORT, OR OTHER DATA
TYPE OF SUBMISSION		TYI	PE OF ACTION	
Notice of Intent Subsequent Report Final Abandonment Notice	Acidize Alter Casing Casing Repair Change Plans Convert to Injection	Deepen Fracture Treat New Construction Plug and Abandon Plug Back	Production (Sta Reclamation Recomplete Temporarily Ab	Well Integrity Other
	10 2 /1 1			

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

EOG Resources, Inc. requests authorization for disposal of produced water from the referenced well to any of the following locations.

- 1. Natural Buttes Unit 21-20B SWD
- 2. Chapita Wells Unit 550-30N SWD
- 3. Ace Disposal
- 4. RN Industries

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)	1		
Carrie MacDonald	Title	Operations Clerk	
Signature Carri Mulle	Date	05/07/2007	
THIS SPACE FOR FEDERAL	OR	STATE OFFICE USE	
Approved by		Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrancertify that the applicant holds legal or equitable title to those rights in the subject lewhich would entitle the applicant to conduct operations thereon.	ł	Office	
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any States any false, fictitious or fraudulent statements or representations as to any matter.	person within	knowingly and willfully to make to a its jurisdiction.	ny department or agency of the United

(Instructions on page 2)

RECEIVED

Form 3160-5 (February 2005)

## **UNITED STATES** DEPARTMENT OF THE INTERIOR

## BUREAU OF LAND MANAGEMENT

FORM APPROVED	
OM B No. 1004-0137	
Expires: March 31, 200	ľ

5.	Lease Serial No. U-0285-A
6.	If Indian, Allottee or Tribe Name
7.	If Unit or CA/Agreement, Name and/or No.

SHINDRY	SUNDRY NOTICES AND REPORTS ON WELLS		U-0285-	A	
Do not use th	is form for proposals to ell. Use Form 3160-3 (A	o drill or to re-	enter an	6. If Indian	Allottee or Tribe Name
SUBMIT IN TR	IPLICATE- Other instr	uctions on reve	rse side.		CA/Agreement, Name and/or No.
1. Type of Well Oil Well	Gas Well Other				a Wells Unit
	Joan Well Joiner			8. Well Nar Chapit	ne and No. a Wells Unit 683-25
2. Name of Operator EOG Resor	irces, Inc.			9. API We	
3a Address 600 17th Street, Suite 1000N, I	Denver, C() 80202	3b. Phone No. (included) 303-824-5526	le area code)		d Pool, or Exploratory Area
4. Location of Well (Footage, Sec.,	T., R., M., or Survey Description)				I Buttes/Wasatch or Parish, State
1868' FSL & 2021' FWL (NES Sec. 25-T9S-R22E 40.004900					County, UT
12. CHECK A	PPROPRIATE BOX(ES) TO	INDICATE NATU	RE OF NOTICE,	REPORT, OF	OTHER DATA
TYPE OF SUBMISSION		TY	PE OF ACTION		
Notice of Intent	Acidize Alter Casing	Deepen Fracture Treat	Production Reclamation		Water Shut-Off Well Integrity
Subsequent Report	Casing Repair	New Construction			Other
Final Abandonment Notice	Change Plans Convert to Injection	Plug and Abandon Plug Back	Water Dispo		
The referenced well was t performed on the subject		Please see the attached	d operations summ	ary report for d	rilling and completion operations
14. Thereby certify that the for Name (Printed/Typed)  Mary A. Maest		Title	Regulatory Assist	ant	
V.A	$\frac{1}{1}$ At $\frac{1}{1}$			07/05/2007	
Signature // Willy	THIS SPACE FOR	Date Date	STATE OFF		
-	INIS SPACE FOR	FEDERAL OR	SIAIEUFFI	CE USE	
Approved by			Title		Date
Conditions of approval, if any, are certify that the applicant holds leg which would entitle the applicant	al or equitable title to those rights	e does not warrant or in the subject lease	Office		
		a crime for any person	knowingly and willi	ully to make to at	y department or agency of the Unite

States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

RECUIVED

## WELL CHRONOLOGY REPORT

Report Generated On: 07-05-2007

Event No	1.0	Description	DRILL & COMPLETE		
Location	Section 25, T9S, R22E,	NESW, 1868 FSL & 202	1 FWL		
KB / GL Elev	5,130/ 5,117				
Water Depth	0	Last CSG	0.0	Shoe TVD / MD	0/ 0
Tax Credit	N	TVD / MD	7.025/ 7.025	Property #	056158
County, State	UINTAH, UT	Spud Date	05-24-2007	Class Date	06-28-2007
Field	CHAPITA DEEP	API #	43-047-36937	Well Class	ISA
Well Name	CWU 683-25	Well Type	DEVG	Division	DENVER

13,10110 110											
Operator	EO	G RESOURC	ES, INC	WI %	55.	033		NRI %		46.813	
AFE No		303310		AFE Total		1,234,700		DHC/	cwc	554,	100/ 680,300
Rig Contr	TRU	E	Rig Name	TRUE #	27	Start Date	01-	-11-2006	Release	Date	05-27-2007
01-10-2006	Re	eported By									
DailyCosts: D	rilling	\$0		Com	pletion	\$0		Dail	y Total	\$0	
Cum Costs: D	rilling	\$0		Com	pletion	\$0		Wel	l Total	\$0	
MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation :			<b>PBTD</b> : 0.	0		Perf:			PKR D	epth: 0.	0

**Activity at Report Time: LOCATION DATA** 

Start End Hrs Activity Description 06:00 06:00 24.0 LOCATION DATA

1868' FSL & 2021' FWL (NE/SW) SECTION 25, T9S, R22E UINTAH COUNTY, UTAH

LAT 40.004933, LONG 109.389836 (NAD 27) LAT 40.004900, LONG 109.389836 (NAD 83)

RIG: TRUE #27

OBJECTIVE: 7025' TD, WASATCH

DW/GAS

CHAPITA WELLS PROSPECT DD&A: NATURAL BUTTES NATURAL BUTTES FIELD

LEASE: U-0285-A

ELEVATION: 5117' NAT GL, 5117' PREP GL, 5130' KB (13')

EOG WI 55.0327%, NRI 46.813095%

04-24-2007 Reported By TERRY CSERE

DailyCosts: Drilling	\$38,000	Co	mpletion	\$0		Daily Tota	ıl	\$38,000	
Cum Costs: Drilling	\$38,000	Co	mpletion	\$0		Well Total		\$38,000	
<b>MD</b> 0	TVD	0 Progress	0	Days	0	MW	0.0	Visc	0.0
Formation :	PB	<b>FD:</b> 0.0		Perf :		Pk	KR Dept	<b>h</b> : 0.0	
Activity at Report Ti	me: BUILD LOCA	ATION							
Start End	Hrs Activity	y Description							
06:00 06:00	24.0 LOCATI	ION STARTED.							
04-25-2007 Re	eported By	TERRY CSERE	E						
DailyCosts: Drilling	\$0	C	ompletion	\$0		Daily Tota	al	\$0	
<b>Cum Costs: Drilling</b>	\$38,000	C	ompletion	\$0		Well Total	i	\$38,000	
<b>MD</b> 0	TVD	0 Progress	0	Days	0	MW	0.0	Visc	0.0
Formation:	PB	<b>TD</b> : 0.0		Perf:		PI	KR Dept	t <b>h:</b> 0.0	
Activity at Report Ti	me: BUILD LOCA	ATION							
Start End	•	y Description							
06:00 06:00	24.0 ROCKE	DOUT.							
04-26-2007 R	eported By	TERRY CSER	Ξ						
DailyCosts: Drilling	\$0		ompletion	\$0		Daily Tota		\$0	
Cum Costs: Drilling	\$38,000	C	ompletion	\$0		Well Tota	_	\$38,000	
<b>MD</b> 0	TVD	0 Progress	0	Days	0	MW	0.0	Visc	0.0
Formation:		<b>TD</b> : 0.0		Perf:		Pl	KR Dept	<b>th</b> : 0.0	
Activity at Report Ti	me: BUILD LOC	ATION							
Start End		y Description							
06:00 06:00		ED OUT. DRILLING							
	eported By	TERRY CSER							
DailyCosts: Drilling			ompletion	\$0		Daily Tota		\$0	
Cum Costs: Drilling			ompletion	\$0		Well Tota		\$38,000	
<b>MD</b> 0	TVD	0 Progress	0	Days	0	MW	0.0	Visc	0.0
Formation:		STD: 0.0		Perf:		P	KR Dep	<b>th:</b> 0.0	
Activity at Report T									
Start End		ty Description	OW.						
06:00 06:00		TING PIT TOMORR							
	eported By	BRYON TOLM							
DailyCosts: Drilling			Completion	\$0		Daily Tot		\$0	
Cum Costs: Drilling			Completion	\$0		Well Tota		\$38,000	
<b>MD</b> 0	TVD	0 Progress	0	Days	0	MW	0.0	Visc	0.0
Formation:	PR	BTD: 0.0		Perf:		P	KR Dep	<b>th:</b> 0.0	
Activity at Report T		ATION							
Activity at Report T Start End	ime: BUILD LOC Hrs Activit	ty Description							
Activity at Report T	ime: BUILD LOC	ty Description							

DailyCosts	s: Drilling	\$0		Com	oletion	\$0		Daily 7	<b>Fotal</b>	\$0	
Cum Cost		\$38,000		Com	pletion	\$0		Well T	otal	\$38,000	
MD	0	TVD	0 Pro	ogress	0	Days	0	MW	0.0	Visc	0.0
Formation	n :	PB	<b>TD:</b> 0.0			Perf:			PKR Dep	oth: 0.0	
Activity at	Report Tir	ne: BUILD LOC	ATION								
Start	End	Hrs Activit	y Descriptio	o <b>n</b>							
06:00	06:00	24.0 PUSHI	NG OUT PIT.								
05-02-200	07 Re	ported By	TERRY	CSERE							
DailyCost	s: Drilling	\$0		Com	pletion	\$0		Daily '	Total	\$0	
Cum Cost	s: Drilling	\$38,000		Com	pletion	\$0		Well T	Cotal	\$38,000	
MD	()	TVD	0 Pro	ogress	0	Days	0	MW	0.0	Visc	0.0
Formation	ı:	PF	BTD: 0.0			Perf:			PKR De <sub>l</sub>	<b>pth:</b> 0.0	
Activity at	t Report Tii	ne: BUILD LOC	ATION								
Start	End	Hrs Activi	ty Description	on							
06:00	06:00	24.0 PUSHI	NG OUT PIT.								
05-03-20	07 Re	ported By	TERRY	CSERE							
DailyCost	s: Drilling	<b>\$0</b>		Com	pletion	\$0		Daily	Total	\$0	
Cum Cost	ts: Drilling	\$38,000		Com	pletion	\$0		Well 7	<b>Total</b>	\$38,000	
MD	0	TVD	0 Pro	ogress	0	Days	0	MW	0.0	Visc	0.0
Formation	n:	Pi	BTD: 0.0			Perf:			PKR De	<b>pth:</b> 0.0	
Activity a	t Report Ti	me: BUILD LOC	CATION								
Start	End	Hrs Activi	ty Descripti	on							
06:00	06:00	24.0 PUSHI	NG OUT PIT.								
05-04-20	07 Re	ported By	TERRY	CSERE							
DailyCost	s: Drilling	\$0		Com	pletion	\$0		Daily	Total	\$0	
Cum Cost	ts: Drilling	\$38,000		Com	pletion	\$0		Well 7	<b>Fotal</b>	\$38,000	
MD	0	TVD	0 <b>Pr</b>	ogress	0	Days	0	MW	0.0	Visc	0.0
Formatio	n:	Pl	BTD: 0.0			Perf:			PKR De	<b>pth:</b> 0.0	
Activity a	t Report Ti	me: BUILD LOC	CATION								
Start	End	Hrs Activi	ty Descripti	ion							
06:00	06:00	24.0 PUSH	ING OUT PIT								
05-07-20	07 R	eported By	DUAN	E COOK							
DailyCost	ts: Drilling	\$0		Com	pletion	\$0		Daily	Total	\$0	
Cum Cos	ts: Drilling	\$38,000		Com	pletion	\$0		Well '	<b>Total</b>	\$38,000	
MD	40	TVD	40 <b>Pr</b>	ogress	0	Days	0	MW	0.0	Visc	0.0
Formatio	n:	P	BTD: 0.0			Perf:			PKR De	<b>pth:</b> 0.0	
Activity a	ıt Report Ti	me: BUILD LO	CATION/WO	AIR RIG							
Start	End		ity Descripti								
06:00	06:00	OF 14	TION COMPI ' CONDUCTO OGM AND M	OR. CEME	NT TO SU	RFACE WIT	H READY M	IX. DUANE	COOK NOT	007 @ 3:00 PM IFIED CAROL	. SET 40' DANIELS

05-21-2007	Re	ported By	JE	RRY BARNES							
DailyCosts: l	Prilling	\$20	3,876	Con	npletion	\$0		Daily '	Total	\$203,876	
Cum Costs:	Drilling	\$24	1,876	Con	npletion	\$0		Well T	Total .	\$241,876	
MD	2,435	TVD	2,435	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation :			<b>PBTD</b> : 0	0.0		Perf:			PKR De	pth: 0.0	

**Activity at Report Time: WORT** 

Start	Ena	Hrs Activity Description
06:00	06:00	24.0 MIRU CRAIG'S AIR RIG #3 ON 5/4/2007. DRILLED 12-1/4" HOLE TO 2500' GL. ENCOUNTERED WATER @ 990'
		& @ 1790', RAN 57 JTS (2422.30') OF 9-5/8", 36.0#, J-55, ST&C CASING WITH DAVIS/LYNCH GUIDE SHOE AND

FLOAT COLLAR. 8 CENTRALIZERS SPACED MIDDLE OF SHOE JOINT AND EVERY COLLAR TILL GONE. LANDED @ 2435' KB. RAN 200' OF 1" PIPE DOWN BACKSIDE. RDMO AIR RIG.

MIRU BIG 4 CEMENTING. HELD SAFETY MEETING. PRESSURE TESTED LINES AND CEMENT VALVE TO 1000 PSIG. PUMPED 180 BBLS FRESH WATER & 20 BBLS GELLED WATER FLUSH AHEAD OF CEMENT. MIXED & PUMPED 220 SX (150 BBLS) OF PREMIUM LEAD CEMENT W/6% GEL, 10#/SX GILSONITE, 3#/SX GR-3, 3% SALT & ½ #/SX FLOCELE. MIXED LEAD CEMENT @ 11.0 PPG W/YIELD OF 3.82 CF/SX.

TAILED IN W/ 200 SX (41 BBLS) OF PREMIUM CEMENT W/2% CACL2 & ¼ #/SX FLOCELE. MIXED TAIL CEMENT TO 15.8 W/YIELD OF 1.15 CF/SX. DISPLACED CEMENT W/183.6 BBLS FRESH WATER. BUMPED PLUG W/500# @ 11:13 AM, 5/8/2007. CHECKED FLOAT, FLOAT HELD. SHUT-IN CASING VALVE. NO RETURNS.

TOP JOB # 1: PUMP DOWN 200' OF 1" PIPE. MIXED & PUMPED 100 SX (20 BBLS) OF PREMIUM CEMENT W/4% CaCl2 & ¼#/SX FLOCELE. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. NO RETURNS. WOC 3 HRS.

TOP JOB # 2: MIXED & PUMPED 150 SX (30 BBLS) OF PREMIUM CEMENT W/2% CaCl2, & ¼#/SX FLOCELE. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. NO RETURNS. WOC 1 HRS 30 MINUTES.

TOP JOB # 3: MIXED & PUMPED 100 SX (20 BBLS) OF PREMIUM CEMENT W/2% CACL2, &  $\frac{1}{4}$ /SX FLOCELE. MIXED CEMENT TO 15.8 PPG W/YIELD OF 1.15 CF/SX. HOLE FILLED & STOOD FULL. RDMO BIG 4 CEMENTERS.

PREPARED LOCATION FOR ROTARY RIG. WORT. WILL DROP FROM REPORT UNTIL FURTHER ACTIVITY.

NO SURVEY AT THIS TIME.

LESTER FARNSWORTH NOTIFIED MIKE LEE W/BLM OF THE SURFACE CASING & CEMENT JOB ON 5/6/2007 @ 2:15 PM.

05-24-20	07 Re	ported F	B <b>y</b> P.	AUL WHITE							
DailyCost	s: Drilling	\$2	26,887	Con	npletion	\$0		Daily	Total	\$26,887	
Cum Cost	ts: Drilling	\$2	268,763	Con	npletion	\$0		<b>Well Total</b> \$268,763			
MD	2,435	TVD	2,435	Progress	0	Days	0	MW	0.0	Visc	0.0
Formatio	n:		<b>PBTD</b> : 0	0.0		Perf:			PKR De	<b>pth:</b> 0.0	
Activity a	t Report Ti	me: PU D	P								
Start	End	Hrs	Activity Desc	ription							
06:00	07:00	1.0	RIG DOWN W	ITH TRUCKS.							
07:00	10:00	3.0	RIG DOWN A	ND MOVE TO	583-25.						
10:00	14:00	4.0	RIG UP WITH	TRUCKS, TRU	CKS RELI	EASED AT 14:	00 HRS.				

14:00	20:00	6.0 RAISE DERRICK AT 16:00 HRS. SET IN ROTARY TABLE, RIG UP GAS BUSTER LINES.
20:00	21:00	1.0 RIG ON DAYWORK AT 20:00 ON 5/23/07. NIPPLE UP BOP AND CHOKE MANIFOLD, PREPARE FOR TEST.
21:00	00:00	3.0 TEST BOP'S. CHOKE MANIFOLD, UPPER, LOWER KELLY COCK, ALL RAMS, CASING AND ANNULAR TO 250 LOW AND 5000 HIGH. ANNULAR TO 2500. CASING TO 1500. GOOD TEST, NO LEAKS.
00:00	01:00	1.0 INSTALL WEAR BUSHING, STRAP BHA.
01:00	01:30	0.5 RIG UP WEATHERFORD PICKUP CREW. HOLD SAFETY MEETING W/ CREWS.
01:30	06:00	4.5 PICKUP BHA AND DRILL PIPE. NO ACCIDENTS OR INCIDENTS. SAFETY MEETING TOPICS: TESTING BOPS.

FUEL ON HAND 2244 USED 175.

NOTIFY: BLM (J. SPARGER) AND (M. LEE) AT 08:00 ON 5/23/2007 UTAH STATE (C. DANIELS) SAME TIME

05-25-2007	Re	ported By	P	AUL WHITE							
DailyCosts: Dr	illing	\$53,5	05	Con	npletion	\$449		Daily	Total	\$53,954	
Cum Costs: Dr	rilling	\$322,	268	Con	npletion	\$449		Well 7	<b>Fotal</b>	\$322,717	
MD =	1,440	TVD	4,440	Progress	2,005	Days	1	MW	8.4	Visc	28.0
Formation :			<b>PBTD</b> : 0	0.0		Perf:			PKR De <sub>l</sub>	oth: 0.0	
Activity at Rep	ort Ti	me: DRILLI	٧G								

Start	End	Hrs	Activity Description
06:00	08:00	2.0	PICKUP DRILL PIPE, TAG CEMENT AT 2308. RIG DOWN WEATHERFORD CREW.
08:00	08:30	0.5	SERVICE RIG.
08:30	10:30	2.0	DRILL CEMENT/FLOAT EQUIP.
10:30	11:00	0.5	CIRCULATE HOLE CLEAN. SPOT 40 BBLS OF 55 VIS MUD ON BOTTOM.
11:00	11:30	0.5	FIT TEST TO 11.4 PPG. EQUIVILENT MUD WT.
11:30	18:00	6.5	DRILL F/ 2435 TO 3295. 860 132 FPH. WOB 20/25 RPM 65/70. 520 GPM. MM RPM 85.
18:00	18:30	0.5	REPAIR HAMMER UNION ON #2 PUMP MUD LINE.
18:30	21:30	3.0	DRILL F/ 3295 TO 3573. 278' 93 FPH.
21:30	22:00	0.5	SURVEY AT 3295 1.5 DEG.
22:00	06:00	8.0	DRILL F/ 3573 TO 4440' 867' 108 FPH. WOB 24, RPM 65. MUD WT 9.3 VIS 30. DRILLING IN CASTLE PEAK MEMBER. TOP OF UTELAND BUTTE 4481. NO ACCIDENTS OR INCIDENTS. SAFETY MEETING TOPICS: MIXING CHEMICALS, TESTING BOP, CUTTING DRILLING LINE. FULL CREW. CHECK COM. BOP DRILL 1 1/2 MIN. AMAS.

FUEL ON HAND 4937 REC 3500 USED 807.

06:00	-			OLE AT 11:30 I	HRS, 5/24/0	07.					
05-26-2007	Re	ported By	P.	AUL WHITE							
DailyCosts:	Drilling	\$34,4	124	Cor	npletion	\$9,542		Daily	Total	\$43,966	
Cum Costs:	Drilling	\$356	,693	Cor	npletion	\$9,991		Well '	Total	\$366,684	
MD	5,970	TVD	5,970	Progress	1,530	Days	2	MW	9.2	Visc	38.0
Formation:			<b>PBTD</b> : 0	.0		Perf:			PKR De	<b>pth:</b> 0.0	
Activity at R	eport Ti	me: DRILLI	NG								
Start E	nd	Hrs Ac	tivity Desc	ription							

06:00	07:00	1.0 DRILL F/ 4440 TO 4452, 12' WOB 25 RPM 70.
07:00	07:30	0.5 SURVEY AT 4464 2 DEG.
07:30	14:30	7.0 DRILL F/ 4452 TO 5073 621' 89 FPH. WOB 25 RPM 70.
14:30	15:00	0.5 SERVICE RIG.
15:00	06:00	15.0 DRILL F/ 5073 TO 5970. 897' 59.8 FPH. WOB 25 RPM 70, GPM 545 MMRPM 87. MUD WT 9.6 VIS 31.
		NO ACCIDENTS OR INCIDENTS. SAFETY MEETING TOPICS: POSITIVE ATTITUDES. MIXING CHEMICALS, WIRELINE SURVEYS. DRLG. BUCK CANYON, TOP OF NORTH HORN 6554. FULL CREWS. CHECK COM. BOP DRILL 1 1/2 MIN AMAS.

		1	FUEL ON HAN	ID 3366 LISED	1570						
05-27-20	107 Ra	ported B		AUL WHITE	1370.						
	ts: Drilling	•	4,129		npletion	\$0		Dail	y Total	\$34,129	
Cum Cost	ts: Drilling	\$3	90,822	Con	npletion	\$9,991		Well	l Total	\$400,813	
MD	7,025	TVD	7,025	Progress	1,055	Days	3	MW	9.3	Visc	34.0
Formation	n:		<b>PBTD</b> : 0.	.0		Perf:			PKR De <sub>l</sub>	<b>pth:</b> 0.0	
Activity a	t Report Ti	me: SHOF	RT TRIP FOR C	ASING							
Start	End	Hrs	Activity Desc	ription							
06:00	13:00	7.0	DRILL F/ 5970	TO 6548. 578'	82 FPH. W	OB 25, RPM 70.					
13:00	13:30	0.5	SERVICE RIG.								
13:30	23:30		DRILL F/ 6548 5/26/07.	TO 7025' TD,	477' 47 FPI	H. WOB 25 RPM	70. GPM	1 525, MMR	PM 84. REAC	HED TD AT 23	:30 HRS,
23:30	01:00	1.5	CIRCULATE A	ND MIX PILL				•			
01:00	06:00			SNUB LINES.	FULL CRE	NO ACCIDENT EW. CHECK COM					
05-28-20	07 Re	ported B	D/	AUL WHITE							
		porteu D	y 17	AUL WHITE							
DailyCost	ts: Drilling	-	1,434		npletion	\$120,513		Dail	y Total	\$191,947	
-	ts: Drilling	\$7	,	Cor	npletion npletion	\$120,513 \$130,504			y Total I Total	\$191,947 \$592,761	
-	J	\$7	1,434	Cor	•		4		•		45.0
Cum Cost	ts: Drilling	\$7 \$4	1,434 62,257	Cor Cor Progress	npletion	\$130,504	4	Wel	l Total	\$592,761 <b>Visc</b>	45.0
Cum Cost MD Formation	ts: Drilling 7,025	\$7 \$4 <b>TVD</b>	1,434 62,257 7,025	Cor Cor Progress	npletion	\$130,504 <b>Days</b>	4	Wel	l Total 10,4	\$592,761 <b>Visc</b>	45.0
Cum Cost MD Formation	ts: Drilling 7,025	\$7 \$4 <b>TVD</b> me: RDR7	7,025 PBTD: 0	Cor Cor Progress .0 ETION	npletion	\$130,504 <b>Days</b>	4	Wel	l Total 10,4	\$592,761 <b>Visc</b>	45.0
Cum Cost MD Formation Activity a	ts: Drilling 7,025 n: at Report Ti	\$7 \$4 <b>TVD</b> me: RDR1 Hrs	1,434 62,257 7,025 PBTD: 0 F/WO COMPLE Activity Desc	Cor Cor Progress .0 ETION ription T. HOLD SAFE	npletion  0	\$130,504  Days  Perf:		Well	l Total 10.4 PKR De	\$592,761 <b>Visc</b> <b>pth:</b> 0.0	
Cum Cost MD Formation Activity a Start	ts: Drilling 7.025 n: at Report Ti	\$7 \$4 <b>TVD</b> me: RDRT Hrs	1,434 62,257 7,025 PBTD: 0 F/WO COMPLE Activity Desc CASING POIN DRILL PIPE A!	Cor Progress .0 ETION ription T. HOLD SAFE ND BHA, PUL.	npletion  0  ETY MEET L WEAR B	\$130,504  Days  Perf:	WN CRE	Weli MW EW. PUMP F	I Total  10.4  PKR Dep	\$592,761 <b>Vise</b> <b>pth:</b> 0.0	oown
Cum Cost MD Formation Activity a Start 06:00	ts: Drilling 7,025 n: tt Report Ti End 13:00	\$7 \$4 <b>TVD</b> me: RDR7 Hrs 7.0	11,434 62,257 7,025 PBTD: 0 F/WO COMPLE Activity Desc CASING POINT DRILL PIPE AN	Cor Progress .0 ETION ription T. HOLD SAFE ND BHA. PULI	npletion  0  ETY MEET L WEAR B	\$130,504  Days  Perf:  TING W/LAY DO USHING.	WN CRE	Weli MW EW. PUMP P JN 164 JOIN	1 Total 10.4 PKR De PILL, DROP SI	\$592,761 <b>Vise</b> <b>pth:</b> 0.0	oown
Cum Cost MD Formation Activity a Start 06:00	ts: Drilling 7,025 n: t Report Ti End 13:00	\$7 \$4 <b>TVD</b> <b>me:</b> RDR7 <b>Hrs</b> 7.0 (6.0) 1.0 (1.5)	11,434 62,257 7,025 PBTD: 0 F/WO COMPLE Activity Desc CASING POINI DRILL PIPE A! HOLD SAFETY CIRCULATE, H SCHLUMBER BBLS LEAD SI "G" SLURRY V CHECKED FLC FILL FLOAT SI ABOVE SHOEL	Cor Progress .0 ETION ription T. HOLD SAFE ND BHA. PULL Y MEETING W HOLD SAFETY MIXED AND H LURRY, "G" SI VT. 14.1 PPG. ( DATS OK. LAI HOE AND FLC , ON TOP OF S COLLAR AT 69	mpletion  0  ETY MEET L WEAR B // CASING / MEETING PUMPED C LURRY WT 855 SX), D NDED 164 DAT COLL SECOND JC 78', MARK	\$130,504  Days  Perf:  TING W/LAY DO USHING.  CREW. RIG UP G WITH SCHLU CEMENT AS FOI T. 11.5 PPG. (255 DISPLACED W/ I JTS. 4.5" 11.6 # AR AND DAVIS DINT AND EVEI KER JTS AT 6534	AND RU MBERG LLOWS: SX). FO 04 BBLS N 80 CA LYNCH RY OTHE	Well MW  EW. PUMP F  JN 164 JOIN ER CEMEN  20 BBLS C  ELLOWED W  S. WATER. E  SING EQUIL LATCH DO' ER JOINTS A	I Total  10.4  PKR De  PILL, DROP SI  TS 4.5" 11.6#  TERS.  HEM WASH, V/ 196 BBLS.  BUMPED PLU  PED W/ DAVI WN PLUG. CI  AFTER FOR A	\$592,761  Visc  pth: 0.0  URVEY, LAY D  N-80 CASING  20 BBLS WATE  TAIL SLURRY, G W/ 3,500 PSI S LYNCH DIFI ENTRILIZERS A TOTAL OF 30	DOWN  ER, 135 50/50 POZ  FERENTIAL PLACED 5'  SHOE AT

22:00 06:00 8.0 RIG DOWN ROTARY TOOLS. WEST ROC TRUCKS SCHEDULED FOR 07:00 5/28/07 FOR MOVE TO CWU 917-14. 3.1 MILE MOVE. NO ACCIDENTS OR INCIDENTS. SAFETY MEETINGS HELD WITH ALL THIRD PARTY CONTRACTORS REGARDING SAFE OPERATION AND WORK PLAN.

TRANSFERED TO 917-14 8 JOINTS 4.5" N-80, 3 P-110 MARKER JOINTS, AND 1720 GAL. FUEL.

06:00

18.0 RELEASE RIG AT 22:00 HRS, 5/27/07.

CASING POINT COST \$462,257

		CAS	ING POINT	r COST \$462	2.257						
06-02-20	07 R	Reported By	SE	ARLE							
DailyCost	s: Drilling	\$0		C	ompletion	\$39,500		Daily '	<b>Fotal</b>	\$39,500	
Cum Cost	ts: Drilling	\$462,25	57	C	ompletion	\$170,004		Well T	otal	\$632,261	
MD	7,025	TVD	7.025	Progress	0	Days	5	MW .	0.0	Visc	0.0
Formation	n:	1	P <b>BTD</b> : 69	978.0		Perf:			PKR Dep	<b>oth:</b> 0.0	
Activity a	t Report T	ime: PREP FOR	RFRACS								
Start	End	Hrs Acti	vity Desci	ription							
06:00	06:00		U SCHLUN SCHLUMB		LOG WITH R	ST/CBL/CCL/V	DL/GR F	ROM PBTD T	O 700'. EST	CEMENT TO	P @ 980°.
06-17-20	07 F	Reported By	М	CCURDY							
DailyCost	s: Drilling	\$0		C	ompletion	\$2,555		Daily '	Total	\$2,555	
Cum Cost	ts: Drilling	\$462,2	57	C	ompletion	\$172,559		Well T	otal	\$634,816	
MD	7,025	TVD	7,025	Progress	0	Days	6	MW	0.0	Visc	0.0
Formatio	n:		<b>PBTD</b> : 6978.0			Perf:			PKR Depth: 0.0		
Activity a	t Report T	ime: PREP FOI	R FRAC								
Start	End	Hrs Acti	vity Desc	ription							
08.00	09:00	1.0 NU	10M FRAC	TREE. PRE	SSURE TEST	FRAC TREE &	CASING	TO 6500 PSI	G, HELD OI	K. PREP FOR F	RAC .
06-19-20	07 I	Reported By	НС	OOLEY							
DailyCost	ts: Drilling	\$0		C	ompletion	\$152,747		Daily	Total	\$152,747	
			c -	~		£225.206		337-11.9	N-4-I	¢707 563	

\$787,563 \$462,257 Completion \$325,306 Well Total **Cum Costs: Drilling** 0.0 0.0 MD 7,025 7,025 MWVisc **TVD Progress** Days PKR Depth: 0.0 **PBTD:** 6978.0 Perf: 5032-6807 Formation: WASATCH

Activity at Report Time: PREP TO MIRUSU

**Activity Description** Start End Hrs

06:00 15:30

9.5 SICP 0 PSIG, RU CUTTERS WIRELINE, PERFORATED NORTH HORN FROM 6805'-07', 6789'-91', 6764'-65'.  $6745^{\circ}-46^{\circ}, 6720^{\circ}-21^{\circ}, 6706^{\circ}-07^{\circ}, 6694^{\circ}-95^{\circ}, 6658^{\circ}-60^{\circ}, 6599^{\circ}-6600^{\circ}, 6590^{\circ}-91^{\circ} \text{ AND } 6578^{\circ}-79^{\circ} @ 3 \text{ SPF } \& 120^{\circ}$ PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 4166 GAL YF123ST+ PAD, 40942 GAL YF123ST+ & YF118ST+ WITH 131000# 20/40 SAND @ 1-6 PPG. MTP 4958 PSIG. MTR 30.9 BPM. ATP 3026 PSIG. ATR 29.6 BPM. ISIP 2550 PSIG. RD SCHLUMBERGER.

RUWL, SET 10K CFP @ 6460', PERFORATED Ba FROM 6431'-32', 6408'-09', 6380'-81', 6334'-35', 6319'-20', 6297'-98', 6282'-83', 6260'-61', 6250'-51', 6245'-46', 6230'-31' AND 6202'-03' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING WITH 250 GAL 7-1/2% HCL, 4161 GAL YF123ST+ PAD, 34521 GAL YF123ST+ & YF118ST+ WITH 105100# 20/40 SAND @ 1-6 PPG. MTP 3116 PSIG. MTR 31.0 BPM. ATP 2157 PSIG. ATR 30.0 BPM, ISIP 1500 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CFP @ 6180'. PERFORATED Ba FROM 6155'-56', 6093'-94', 6086'-87', 6079'-80', 6018'-19', 6001'-02', 5982'-83', 5962'-63', 5874'-75', 5867'-68', 5859'-60' AND 5855'-56' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 250 GAL 7-1/2% HCL. 4169 GAL YF123ST+ PAD, 34639 GAL YF123ST+ & YF118ST+ WITH 105500# 20/40 SAND @ 1-6 PPG. MTP 3426 PSIG. MTR 30.9 BPM. ATP 1983 PSIG. ATR 30.4 BPM. ISIP 1200 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CFP @ 5830'. PERFORATED Ca FROM 5798'-5800', 5790'-92', 5774'-75', 5721'-23', 5698'-99', 5657'-58', 5636'-37', 5629'-30' AND 5560'-61' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 250 GAL 7-1/2% HCL, 2499 GAL YF123ST+ PAD, 19635 GAL YF123ST+ & YF118ST+ WITH 52100# 20/40 SAND @ 1-6 PPG. MTP 3016 PSIG. MTR 30.9 BPM. ATP 1997 PSIG. ATR 29.9 BPM. ISIP 1400 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CFP @ 5170'. PERFORATED Pp FROM 5141'-42', 5127'-28', 5070'-72', 5061'-63', 5050'-52', 5045'-47', 5037'-38' AND 5032'-33' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 250 GAL 7-1/2% HCL, 4175 GAL YF123ST+ PAD, 32911 GAL YF123ST+ & YF118ST+ WITH 99100# 20/40 SAND @ 1-6 PPG. MTP 3046 PSIG. MTR 27.7 BPM. ATP 2295 PSIG. ATR 27.2 BPM. ISIP 2250 PSIG. RD SCHLUMBERGER.

#### RUWL. SET 10K CBP @ 5020'. BLED OFF PRESSURE. RDWL. SDFN.

06-20-20	07 R	eported By		AL IVIE							
DailyCost	ts: Drilling	\$0		Com	pletion	\$22,738		Daily	Total	\$22,738	
Cum Cos	ts: Drilling	\$462,2	57	Con	pletion	\$348,044		Well 7	<b>Cotal</b>	\$810,301	
MD	7.025	TVD	7,025	Progress	0	Days	7	MW	0.0	Visc	0.0
Formatio	n: WASATC	Н	<b>PBTD</b> : 69	978.0		Perf: 5032-	5807		PKR De	oth: 0.0	
Activity a	t Report Ti	me: CLEAN C	UT AFTER	FRAC							
Start	End	Hrs Acti	ivity Descr	ription							
06:00	16:30	10.5 MIR SDF		RIG # 1. ND FR		. NU BOP. RIH	W/HURF	RICANE MILL	. & PUMP O	FF BIT SUB TO	O 4988'.
06-21-20	007 R	eported By	HA								
DailyCost	ts: Drilling	\$0		Con	pletion	\$54,983		Daily	Total	\$54,983	
Cum Cos	ts: Drilling	\$462,2	57	Con	pletion	\$403,027		Well 7	Fotal	\$865,284	
MD	7,025	TVD	7,025	Progress	0	Days	8	MW	0.0	Visc	0.0
Formatio	n: WASATC	CH	<b>PBTD</b> : 69	978.0		Perf: 5032-	6807		PKR Dej	<b>pth:</b> 0.0	
Activity a	it Report Ti	me: FLOW TE	ST								
Start	End	Hrs Acti	ivity Desc	ription							
06:00	06:00					ED OUT PLUG 05' KB. ND BO					
		FLO	WED 15 H	RS. 32/64 CHO	KE. FTP 4	50 PSIG. CP 200	) <b>PSIG</b> . 4	7 <b>BFPH</b> .			
		REC	OVERED 8	B11 BLW. 2973	BLWTR.						
		TUE	SING DETA	IL LENGTH	ł						
		PUM	1P OFF SU	B 1.00'							
		1 JT	2-3/8" 4.7#	# <b>J</b> –55 <b>TBG</b> 3	1.32'						
			NIPPLE								
		206	JTS 2-3/8"	4.7# J-55 TBG	6458.42	•					

BELOW KB 13.00\*

7.025

**Progress** 

LANDED @ 6504.84' KB

06-22-2007 HAL IVIE Reported By

\$2,570 \$2,570 DailyCosts: Drilling SO. Completion **Daily Total** 

**Cum Costs: Drilling** \$462,257 Completion \$405,597 Well Total \$867,854

PKR Depth: 0.0 Formation: WASATCH PBTD: 6978.0 Perf: 5032-6807

**Activity at Report Time: FLOW TEST** 

7.025

MD

MD

MD

**Activity Description** Start End

TVD

24.0 FLOWED 24 HRS. 32/64" CHOKE, FTP 425 PSIG, CP 475 PSIG, 23 BFPH, RECOVERED 720 BLW. 2253 BLWTR. 06:00 06:00

Days

0.0

0.0

Visc

Visc

Visc

MW

0.0

0.0

0.0

HAL IVIE 06-23-2007 Reported By

\$2,570 DailyCosts: Drilling **\$0** Completion \$2,570 **Daily Total** \$408,167 \$870,424 \$462,257 Completion Well Total **Cum Costs: Drilling** 

Visc 0.0 7.025 TVD 7.025 0 10 MW0.0 MD **Progress** Days

PKR Depth: 0.0 Formation: WASATCH **PBTD:** 6978.0 Perf: 5032-6807

**Activity at Report Time: WO FACILITIES** 

Start End Activity Description

24.0 FLOWED 24 HRS. 32/64" CHOKE, FTP 400 PSIG, CP 825 PSIG, 14 BFPH, RECOVERED 444 BLW, 1809 BLWTR, SI, 06:00 06:00

WO FACILITIES.

7,025

7,025

WO COMPLETION DATE: 6/22/07

**Progress** 

**Progress** 

**HEATH LEMON** 06-29-2007 Reported By

\$0 \$0 \$0 **Daily Total** DailyCosts: Drilling Completion

\$870,424 \$462,257 Completion \$408,167 Well Total **Cum Costs: Drilling** 0

Perf: 5032-6807 PKR Depth: 0.0 **PBTD**: 6978.0 Formation: WASATCH

Activity at Report Time: INITIAL PRODUCTION

**TVD** 

7.025

Start End Hrs **Activity Description** 

24.0 INITIAL PRODUCTION. OPENING PRESSURE: TP 1400 & CP 1700 PSI. TURNED WELL TO QUESTAR SALES AT 06:00 06:00

Days

Davs

11

12

MW

MW

12:30 PM, 6/28/07. FLOWED 659 MCFD RATE ON 12/64" POS CHOKE. STATIC 465.

HEATH LEMON 07-02-2007 Reported By

**\$0** \$0 **Daily Total** DailyCosts: Drilling \$0 Completion

\$462,257 \$408,167 Well Total \$870,424 Completion **Cum Costs: Drilling** 0.0

PKR Depth: 0.0 Formation: WASATCH PBTD: 6978.0 Perf: 5032-6807

**Activity at Report Time: ON SALES** 

7.025

**Activity Description** Start End Hrs

TVD

24.0 6/30/07 - FLOWED 607 MCFD, 1 BC & 62 BW IN 24 HRS ON 12/64" CK, TP 1200 & CP 1490 PSIG. 06:00 06:00

7/1/07 - FLOWED 548 MCFD, 1 BC & 95 BW IN 24 HRS ON 12/64" CK, TP 1100 & CP 1430 PSIG.

7/2/07 - FLOWED 491 MCFD, 22 BC & 90 BW IN 24 HRS ON 12/64" CK, TP 1050 & CP 1400 PSIG.

Form 3160-4 (April 2004)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0137 Expires: Moreh 31, 2007

					, , , , ,										- 1	t	xpires: Ma	rch 31, 2007
	WEI	LL (	СОМІ	PLE"	TION	OR I	RECOMP	LET	ION	REPOR	T AN	Dι	.OG			5. Lease <b>U-02</b>	Serial No.	
ta. Type o	of Well of Complet				Gas Well		Dry Work Over			ı Plu	ıg Back		Diff.	Resvr, .				or Tribe Name
	•			Other .			<b>-</b>				Ü						-	ement Name and No.
2. Name	of Operato	r E	OG R	esour	ces, Inc	•											Name and	
										I 2 DI						Cha	pita Wells	Unit 683-25
3. Addre	ss 600 17	th S	treet.	Suite	1000N.	Denve	er, CO 8020	)2			ne No. <b>3-824</b> -:		lude ared <b>6</b>	a code)			/ell No. <b>47-36937</b>	
4. Locati	on of Well	(Rep	ort loc	ation c	learly ar	nd in ac	ccordance w	ith F	ederal r	equiremen	ts)*				10	). Field	and Pool, or	r Exploratory
At sur	face 1	868'	FSL &	& 202	ı FWI	(NES	(W) 40.004	900 1	LAT 1	09.39051	7 LON							Wasatch
At top	prod. inter						, 10100				. 2011					Surve	y or Area	on Block and Sec. 25-T9S-R22E
At tot	al depth	Samo	е												1		y or Parish  County	13. State UT
14. Date 5				15.	Date T.E		hed			16. Date C			06/28/2		ľ			RKB, RT, GL)*
	3/2007	<u> </u>		<u> </u>	05/26		N D l . T .		115	D &	ι A		Ready to		DI C		NAT GL	
l&. Total	•	VD	7025			19. 1	Plug Back T.		TVD	978		20.	. Бери	ı впаде	Plug Se	t: MD TVI		
	Electric & CBL/CCI				ıl Logs F	Run (Si	ubmit copy (	of eac	:h)			22.	Was I	well cor OST rui	n? 🔽	No ☐ No ☐	Yes (Sub	mit analysis) mit report) Submit copy)
3. Casin	g and Lin	er Re	cord	Repo	rt all st	rings:	set in well)						Direc	HOHAI 3	urvey:	14 140	1 es (3	Submit copy)
Hole Size	ole Size   Size/Grade   Wt (#/ft.)   Ton (MD)   Bottom (MD)   Stage Cementer   No. of Sks. &   Slurry Vo							y Vol. BL)	Cemen	t Top*	Amount Pulled							
12-1/4"	9-5/8"	•	36.0	#	J-55 0-2435 Depth Type of Cement (BBL)													
7-7/8"	4-1/2"		11.6	#	N-80	)	0-7023				1110	sx						
							1											
24 Tubin Size	g Record Depth	Sat I	MD)	Dacka	r Depth	(MD) I	Size	_	Denth	Set (MD)	Docker	Dan	th (MD)	r	Size	Doneth	Set (MD)	Doolean Donath (MD)
2-3/8"	6505	Ser	(WID)	I deke	Госран	(IVID)	Size		Берш	Set (MD)	1 acker	БСР	III (IVID)		3126	Бери	Set (MD)	Packer Depth (MD)
25. Produ										Perforation				<u> </u>				
A) Was	Formation	n		+	Top	<u> </u>	Bottom			Perforated 1	Interval			Size	No. 1	loles	F	Perf. Status
A) Was B)	атеп				5032					6578-6807 6202-6432				3/spf 3/spf				
C)									5855-						3/spf			
D)	_													3/spf				
27. Acid,			ent, Ce	ment S	iqueeze,	etc.												
	Depth Inter	val			45.053	G 1 7	COPILER		TOD				ype of M	/laterial				
6578-68				<del></del> -i			S GELLED CL; 38,682							# 20///	CAND			
5855-61							CL; 38,808										-	
5560-58							ICL; 22,134											
	ction - Inte	rval A	4	- 1														
Date First Produced	Test Date	Hou Test		Test Produc	tion B	il BL	Gas MCF	War BB	ter L	Oil Grav Corr. Al	ity I		Gas Gravity	P	roduction	Method		
06/28/2007	07/01/2007	24		$\rightarrow$	1		548	95							FLOWS E	ROM WE	LL	
Choke Size	Tbg. Press. Flwg.	Csg Pre:		24 Hr. Rate	O: B	il BL	Gas MCF	Wa BB		Gas/Oil Ratio			Well Statt	ıs				
12/64"	SI 1100	1430	<u> </u>	<u> </u>	<u> </u>		548	95							PRODUC	ING GAS	WELL	
	uction - Int			Taut	1 6	1	I Goo	111	ae	Louis				T =				
Date First Produced	Test Date	Hou Test		Test Producti	ion BI		Gas MCF	BBI		Oil Grav Corr. AP	ity I		Gas Gravity	P	roduction	Method		
Choke Size	Tbg. Press. Flwg. SI	Csg. Pres		24 Hr. Rate	Oi BI	i BL	Gas MCF	Wat BB	ler L	Gas-Oil Ratio		V	Well Statu	s		Dr	<b>\</b> F-1\ /*	
	JI															MEL	EIV	-1)

\*(See instructions and spaces for additional data on page 2)

JUL 1 3 2007

301 B 1		1.0					-,	······································		
28b. Produ Date First	uction - Inte	rval C Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method	
Produced	Date	Tested	Production	BBL	MCF	BBL	Corr. API	Gravity	Troduction victing	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status		
	luction - Int									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
Choke Size	Thg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status		
29. Disp		Gas <i>(Sold, 1</i>	sed for fuel,	vented, et	c.)					
30. Sum	mary of Po	rous Zones	(Include Aq	uifers):		<del></del>		31. Forma	tion (Log) Markers	
Shortests	w all impor	tant zones	of porosity	and conter	nts thereof: I, time tool o	Cored interv pen, flowing	als and all drill-stem and shut-in pressures			
Fon	mation	Тор	Bottom		Desc	riptions, Con	tents, etc.	ļ	Name	Top Meas. Depth
Wasatch	•	5032	6807					Wasate Chapite Buck C Price R	a Wells anyon	4598 5187 5855 6829
	32. Additional remarks (include plugging procedure):  SEE ATTACHED SHEET.									
☐ E	lectrical/Me undry Notic	echanical L e for plugg	ogs (1 full se ing and ceme	et req'd.) ent verifica	ation C	the appropri Geologic Repo Core Analysis	ort DST Report Other:		nal Survey able records (see attached instruct	ions)*
Name	Name (please print) Mary A. Maestas Title Regulatory Assistant									
Sign	Signature Mary A. May a. Date <u>07/11/2007</u>									
			<del></del>	-						

## Chapita Wells Unit 683-25 - ADDITIONAL REMARKS (CONTINUED):

### 26. PERFORATION RECORD

<b>5000 5440</b>	01 1
5032-5142	3/spt
JUJE-J 142	U/SPI

#### 27. ACID. FRACTURE TREATMENT, CEMENT SQUEEZE, ETC.

5032-5142	250 GALS HCL; 37,086 GALS GELLED WATER &
	99,100# 20/40 SAND

Perforated the North Horn from 6578-6579', 6590-6591', 6599-6600', 6658-6660', 6694-6695', 6706-6707', 6720-6721', 6745-6746', 6764-6765', 6789-6791' & 6805-6807' w/ 3 spf.

Perforated the Buck Canyon from 6202-6203', 6230-6231', 6245-6246', 6250-6251', 6260-6261', 6282-6283', 6297-6298', 6319-6320', 6334-6335', 6380-6381', 6408-6409' & 6431-6432' w/ 3 spf.

Perforated the Buck Canyon from 5855-5856', 5859-5860', 5867-5868', 5874-5875', 5962-5963', 5982-5983', 6001-6002', 6018-6019', 6079-6080', 6086-6087', 6093-6094' & 6155-6156' w/ 3 spf.

Perforated the Chapita Wells from 5560-5561', 5629-5630', 5636-5637', 5657-5658', 5698-5699', 5721-5723', 5774-5775', 5790-5792' & 5798-5800' w/ 3 spf.

Perforated the Pp from 5032-5033', 5037-5038', 5045-5047', 5050-5052', 5061-5063', 5070-5072', 5127-5128' & 5141-5142' w/ 3 spf.

# STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

## REPORT OF WATER ENCOUNTERED DURING DRILLING

Well name and	number: CWL	J 683-25	*		
API number:					<del></del>
			ownship 9S Range 22E	Cou	inti UINTAH
		:uon <u>23</u> 10	ownship 50 Range 222	_ 000	inty
Well operator:		· · · · · · · · · · · · · · · · · · ·			
Address:	1060 E HWY 4	10			•
				Ph	none: (435) 781-9111
Drilling contract	tor: CRAIGS F	OUSTABOUT	SERVICE		
Address:	PO BOX 41				
	city JENSEN	<u></u>	state UT zip 84035	Ph	none: (435) 781-1367
Water encounte	ered (attach ad	ditional pages	as needed):		
Г	DEP		VOLUME	****	QUALITY
	FROM	ТО	(FLOW RATE OR HEAD)		(FRESH OR SALTY)
-	1,410	1,420	NO FLOW		NOT KNOWN
L					
Formation tops (Top to Bottom)			2		3
(TOP to Bottom)	4	<del></del>	5		
	7				9
	10		11		12
_			ncountered, please attach a	copy	of the report to this form.
-			e to the best of my knowledge.	_	
NAME (PLEASE PRIN	Mary A. Mae	estas	† TITL		gulatory Assistant
SIGNATURE	Mary A	Man	DATI	7/1	1/2007

(5/2000)

	STATE OF UTAH		FORM 9			
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MIN		5.LEASE DESIGNATION AND SERIAL NUMBER: U-0285-A			
SUND	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:					
	sals to drill new wells, significantly deepen o gged wells, or to drill horizontal laterals. Us		7.UNIT or CA AGREEMENT NAME: CHAPITA WELLS			
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: CWU 683-25			
2. NAME OF OPERATOR: EOG Resources, Inc.			9. API NUMBER: 43047369370000			
3. ADDRESS OF OPERATOR: 600 17th Street, Suite 1000 N	I , Denver, CO, 80202 435	PHONE NUMBER: 781-9111 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1868 FSL 2021 FWL			COUNTY: UINTAH			
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NESW Section: 25	IP, RANGE, MERIDIAN: Township: 09.0S Range: 22.0E Meridian: S	5	STATE: UTAH			
11. CHE	CK APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPORT,	OR OTHER DATA			
TYPE OF SUBMISSION		TYPE OF ACTION				
	☐ ACIDIZE	ALTER CASING	CASING REPAIR			
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME			
Approximate date work will start.	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE			
SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION			
6/3/2009	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK			
SPUD REPORT	☐ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION			
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON			
	☐ TUBING REPAIR	☐ VENT OR FLARE	WATER DISPOSAL			
DRILLING REPORT Report Date:	☐ WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION			
·	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: Pit closure			
12. DESCRIBE PROPOSED OR CO	     IMPLETED OPERATIONS. Clearly show all pert	inent details including dates, depths, v	olumes, etc.			
	e referenced location was close	ed on 6/3/2009 as per the				
	APD procedure.		ccepted by the			
			Jtah Division of			
			, Gas and Mining			
		FOR	R RECORDONLY			
			1 7			
NAME (PLEASE PRINT) Mary Maestas	<b>PHONE NUMBER</b> 303 824-5526	TITLE Regulatory Assistant				
SIGNATURE	J0J 024 JJ20	DATE				
N/A		7/1/2009				